

COLLEGE PARK

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ALUMNI MAGAZINE

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A NEW WORLD OF KNOWLEDGE

College Park Libraries
In an Information Age

Older Students
In the Prime of their Lives

COLLEGE



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A NEW WORLD OF KNOWLEDGE

by Adina R. Gewirtz

College Park's libraries face new challenges and opportunities in a burgeoning age of information. The library isn't a place anymore, but a many-tiered system responding to the diverse needs of a research university.

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In England, architecture students are working on—and learning from—historic Kiplin Hall.



T

hose of us in academic life know that libraries are vitally important to the central missions of a university. For this issue of *College Park*, we asked reporter Adina Gewirtz to explore the multifaceted campus library system to give you a sense of what our libraries do and why they're more important than ever. Her story, "A New World of Knowledge," offers a look at how far today's research libraries at College Park have come from the simpler era of the card catalog.

For every university, the quality of its library is an enduring measure of excellence. College Park's libraries contain outstanding resources, ranging from the International Piano Archives at Maryland, one of the world's most extensive collections of piano recordings and related archival materials, to the Technical Reports Center, a collection of 1.3 million reports based on government-funded research; from the Gordon W. Prange Collection of Japanese language publications in the years immediately following World War II to the Maryland Room, a center for Maryland studies that includes maps, state documents, historical manuscripts and the library and morgue of the *Baltimore News American*.

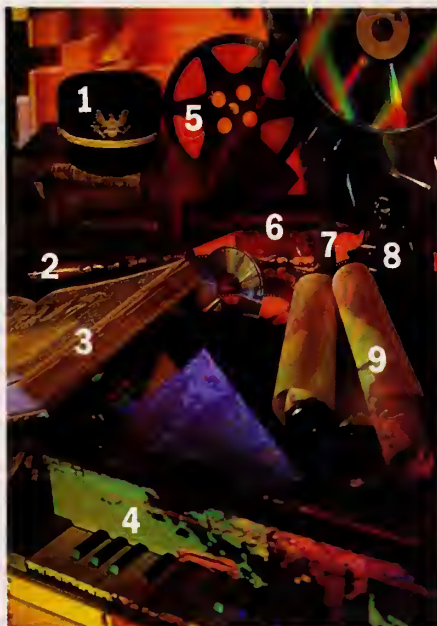
Spurred by technological advances in information processing and retrieval, libraries everywhere are changing dramatically and are facing unprecedented challenges. At Maryland, these are exciting times: The library system will soon mark the acquisition of its two millionth volume; a \$13 million, seven-story addition to McKeldin Library will provide critically needed study and stack space for the main graduate library facility on campus; a new national archives building, Archives II, is being constructed on a site near the university's golf course. It will house 5 million photographs, 110,000 films and 11 million oversized documents such as maps and charts.

Building a great academic research library, though, is a task that takes decades. College Park's immediate priorities are to strengthen the libraries' holdings of current scholarly publications in all available formats and to achieve new levels of excellence in four specialized areas: the Engineering and Physical Sciences Library; the National Trust for Historic Preservation Library; the International Piano Archives at Maryland, and the Maryland-related collections.

We all have a stake in the continued growth of College Park's libraries. As Gewirtz reports in her cover story, libraries may not have alumni, but without libraries, there would be no one to graduate.



—Steve M. Barkin
Editor



ABOUT THE COVER:

1. John Philip Sousa's hat from the Frank McGrann Collection in Special Collections in the Music Library. 2. 17th century Japanese flute, a "ryuteki," in a lacquer case from the Luther Whiting Mason Collection in Special Collections in Music. 3. Rare books and literary manuscripts. 4. A spinet from the Katherine Anne Porter Collection. 5. (From left) Reel, film, compact disk and video disk from the Non-print Media Dept. 6. Mexican box and rosary beads from the Katherine Anne Porter Collection. 7. Sword from the University Archives Memorabilia Collection. 8. Buddha from the Katherine Anne Porter Collection. 9. Reproducing piano roll of George Gershwin's rendition of "Rhapsody in Blue" from the International Piano Archives at Maryland. Cover photo by John T. Consoli.

We thank all the library staff members who assisted *College Park* in the preparation of our story. The items shown on the cover only begin to suggest the diversity of university holdings.

COLLEGE PARK

Leonard R. Raley

Publisher and Director of Alumni Programs

EDITORIAL STAFF

Steve M. Barkin

Editor

Roz Hiebert

Senior Editor and Director of Public Information

STAFF WRITERS

Jan Barkley

Danielle Brown

Brian Busek

Linda Freeman

John Fritz

Lisa Gregory

Tom Otwell

Fariss Samarrai

DESIGN STAFF

Judith Bair

Director of Creative Services

Margaret A. Hall

Art Director

John T. Consoli

Photo Editor

Maria A. Sese

Art Director, Alumni News

Stephen Darrou

Heather Kelly

Viviane Moritz

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Production

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Acting Vice President, Office of Institutional Advancement

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Refreshing Rebirth

It is a rare occurrence when I take the time to express my thoughts (whether they be good or bad) through a letter, but I just put down my copy of *College Park*, and could not wait to congratulate you.

You have done an absolutely outstanding job in creating such a diverse and colorful publication. It certainly is a much better representation of our university than the mediocre newsletters of the past. As one who often felt to be in the minority of Maryland graduates who had any sense of pride in my school, it is refreshing to see a major rebirth of the University of Maryland, and your magazine radiates this new energy and excitement.

Michael Grembowicz '84
Glendale, Calif.

Hebrew University Lookout

As director of the American Alumni Association of The Hebrew University of Jerusalem, I am trying to locate men and women in the United States who attended Hebrew University. There are many University of Maryland alumni who took part in one of the university's Overseas Students Programs, and we would appreciate any help in locating them. Our office is located at 11 E. 69th St., New York, N.Y. 10021.

Betsy Silverfine
New York, N.Y.

Handsome Publication

College Park is a handsome publication, highlighting not only the history of the campus, but also its contributions to teaching, research and service. I wish you luck in this undertaking.

Shaila R. Aery
Secretary of Higher Education
Annapolis, Md.

Alumni Officers

Congratulations! The new *College Park* magazine is an excellent product. It should be a great stimulant to increased attention from alumni.

I read the magazine "cover to cover" with great interest. On the inside cover, I noted the

listing of the new officers of the Alumni Association. How, when and where were these individuals elected? I had not heard of any meeting of the new College Park Alumni Association.

Thanks and best wishes for continued success.

Harry E. Hasslinger '33
Past President, University of Maryland
Alumni Association (1962-63)

The officers of the new alumni association were appointed for their first terms by University President William E. Kirwan at the association's charter meeting on Sept. 22, 1989. Starting in July 1990, officers will be nominated and elected by the alumni.

Congratulations

Congratulations on the first issue of *College Park*. It's spectacular!

It is interesting and attractive. More importantly, from my perspective, it helps spread the word about all the good things happening on campus. That's a big help to those of us working for College Park's interests in Annapolis. Keep up the good work.

James C. Rosapepe
Delegate, Maryland General Assembly
(Prince George's County)
Annapolis, Md.

Giving Alumni an Overview

I have just finished reading the first edition of *College Park*. It is a terrific publication. I am sure this will go a long way toward helping to

tie the entire College Park alumni together and give the alumni a good overview of what is happening at the University of Maryland at College Park.

I am very pleased with all the developments of the new alumni association at College Park.

James A. Calderwood '64
Washington, D.C.

Pursuing Key Scholarship

Our son is a high school senior who is currently a National Merit Semi-Finalist. He is being recruited by several major universities that want to attract top students. We are proud to be graduates of the University of Maryland at College Park, and our son will be pursuing a Francis Scott Key Scholarship to attend Maryland.

Stephen L. Miller '70
Carolee Brophy Miller '70
Metairie, La.

Campus Landmarks

I am glad to see *College Park*, the new alumni magazine. I am one of the older living alumni—class of 1920 from Maryland State College, changed to the University of Maryland in 1921.

But there is a mistake on page 11. Morrill Hall is not the oldest building on campus. That is the Rossborough Inn, built as a tavern well before 1898.

Theo Bissell '20
Silver Spring, Md.



BILL WEEMS

The Rossborough was built in 1798, and is the oldest building located on campus. Our story should have pointed out that Morrill Hall is the oldest existing building that was built as part of the university.

Continued from page 3

Bravo, Maryland

As graduates of the University of Maryland who had long lived away from Maryland, we had come to the conclusion that the university was quick to forget past graduates. This has been further magnified by the aggressive way the University of Texas courts its past graduates.

Therefore, it was a wonderfully rewarding experience to receive the brilliant *College Park* magazine. It really helps to bring the university home to those of us who live far away.

We say Bravo, Maryland. Finally, a publication out-of-state (and in-state, we are sure) graduates can be proud of.

David E. Garlock '73

Susan E. Garlock '74

Austin, Texas

Good Work

Congratulations on your first edition of *College Park*. It is truly an outstanding publication. I enjoyed all aspects, especially the well-written article on Coach Gary Williams and the informative interview with Leonard Raley.

I look forward to subsequent quality editions. Keep up the good work.

Erwin S. Raffel, B.S. '56, D.D.S. '61

Lyndhurst, Ohio

Women's Sports

Why did you leave the women's basketball schedule out of your calendar? You list men's, suggesting an alternate.

Aubrey Williams

Professor of Anthropology
College Park

At the time we went to press, the women's basketball schedule had not been compiled. In this issue, check page 24 for the women's lacrosse schedule.



By William E. Kirwan
President

University of Maryland at College Park

The Pace of our Progress

This past November, Governor William Donald Schaefer invited me to join him on an international trade mission to the Middle East. One of our stops was Saudi Arabia. When our plane landed at the magnificent airport in Riyadh, we were ushered into a plush visitor's lounge and greeted by the Deputy Governor of the State of Riyadh. He announced to the 20 members of Governor Schaefer's team that he was especially pleased to welcome us because he was a 1964 graduate of "that great university at College Park." You can imagine the pride I felt at that moment. The story was much the same at our other stops in Israel and Egypt. Everywhere we went eyes lit up when our

hosts learned that a representative of the University of Maryland was a member of the delegation.

There can be no doubt that our university is recognized widely as one of the world's fine institutions of higher education. When you consider that we only became a university in 1920, it is remarkable how much we have achieved in just 70 years. So much of our success is due to you—the alumni and friends of the university—through your identification with the institution and your generous support of its programs.

Proud though we are of this campus, it is exciting to think that in the 1990s we have an opportunity to move from the ranks of the very good to the small handful of the nation's very best universities. Not many universities can realistically hold such dreams. We can. The recent legislation creating the new eleven-campus University of Maryland System stipulated that College Park should be the state's flagship campus, "... with programs and faculty nationally and internationally recognized for excellence in research and the advancement of knowledge ... with operating funding and facilities necessary to place it among the upper echelon of its peer institutions." These are not just idle words. This passage is now part of the laws of Maryland.

Governor Schaefer and the General Assembly asked us to prepare an enhancement plan to guide our development over the coming years. The campus has responded with a thoughtful document that sets forth our plans and aspirations and stipulates specific targets by which we can measure our progress. The plan calls for an investment of \$100 million of state funds over the next five years to be matched by \$50 million of institutionally generated funds.

But even as we await funding for the Enhancement Plan, the pace of our progress is impressive. This fall the average SAT score of our entering class was 1084, the highest on record and 100 points higher than the average score a decade ago. Our faculty continue to win the most prestigious awards and prizes. In fact, we rank among the ten leading public institutions in the number of prestigious faculty awards over the past five years.

In the first issue of *College Park*, you may have read about the federal government's decision to build the National Archives II on our campus. This will enrich our programs in government and politics, history and public policy.

An integral part of our plans for the advancement of the institution is our Campaign for Maryland, a \$100 million private gift fund raising drive. Funds in this campaign are targeted for merit scholarships, endowed chairs, the library and other vital components of a great university. I am pleased to report that because of your response to the campaign, we have raised already more than two-thirds of our \$100 million goal.

These are heady days at College Park. It is a privilege to be president of the university at this time. As I conclude my first year in office, I look forward with great anticipation to the coming years and my continuing association with you—the alumni and friends of the University of Maryland at College Park—and to the fulfillment of our shared ambitions for our university.



JOHN T. CONSOLI

Paul Traver was praised for his teaching and conducting.

Traver Named National Artist

Music professor Paul Traver has received the National Artist Award of the Honor Society of Phi Kappa Phi. It was presented during ceremonies at the society's triennial convention in Salt Lake City.

The founding director of the Maryland Chorus and the Maryland Handel Festival, and a founding member of the American Handel Society, Traver is only the third recipient of the award. He will retain the title of National Artist for three years until the society's next national meeting.

Traver was praised for his enrichment of the musical knowledge and enjoyment of thousands of students and music lovers through both his classroom teaching and performances of the Maryland Chorus and other conducting appearances.

In early June the Maryland Chamber Singers will perform in Halle, East Germany, at the annual Handel Festival. Later in the month the Chamber Singers and the Maryland Chorus will appear in concert in Brussels and two other Belgian cities as part of the Flanders Festival.

Disney Acquires Henson's Family of Muppets

Walt Disney Co. announced in August that it would buy Henson Associates, the New York company that owns the Muppets and other characters created by Jim Henson, a 1960 College Park graduate.

Kermit the Frog, Miss Piggy, Fozzie Bear and other Muppets will appear in Disney-produced movies and television programs and will be fea-

tured at the entertainment company's amusement parks.

It will be the first time Disney has marketed characters other than those it created itself or developed from outside literary sources.

Henson began making puppets as a child in Prince George's County and while a student at College Park, where he started out majoring in scenic design for theatre and advertising.

"The puppet thing was just something I wanted to do on the side," he says. "But then I got involved in costume design, switched to home economics and asked a classmate, Jane Nebel (now Jane Henson) to join me doing a puppet show."

The two got their start in television in the mid-1950s at Washington's WRC-TV with a five-minute children's show called "Sam and Friends" that featured a frog character named Kermit. Henson called his characters Muppets (a combination of marionette and puppet).

The Henson-created characters that appear on the public television series "Sesame Street," with the exception of Kermit, are not affected by the deal with Disney. Those characters, which include Big Bird, Grover, Bert and Ernie, and Cookie Monster, belong to the nonprofit Children's Television Workshop. Henson will continue to produce segments for the program.

Mickey, meet Kermit:
Henson and his troupe



JOHN T. CONSOLI

Jean Dresden Grambs, 1919-1989

Friends, colleagues and former students of Jean Dresden Grambs, professor emerita of human development, will be saddened to learn of her death Sept. 30, three days before she was to be honored as the 1989 Outstanding Woman of the Year (see *College Park*, Fall 1989). The Outstanding Woman Convocation was held as a celebration of her life and accomplishments.

In his convocation address, which focused on steps taken to improve the status of women at College Park, President William E. Kirwan said, "It is [a] bitter and sad irony that on the very day we gather as planned to celebrate Jean Grambs' lifelong accomplishments, we must also mourn her recent tragic death. We can take some comfort in knowing that Jean left our community fully aware of the very high regard in which she was held."

A memorial scholarship fund for graduate women working in her field is being established by the College of Education.



A Theatre for Learning

A gift of nearly \$900,000 from AT&T is supporting development of a state-of-the-art teaching theatre that will employ extensive computer, video and audio telecommunications equipment. The facility, scheduled to be available in fall 1990, will be located in the Engineering Classroom Building.

It is designed to enhance learning and teaching and will be available for use by faculty members interested in applying new communications technologies in their teaching.

The tiered classroom will have 20 work station desks, each seating two students. Each desk will hold a built-in, high-performance computer. The teaching theatre itself will have two large, rear-projection screens, slide and overhead projectors, and white boards and will be equipped for super VHS, compact disks, video disks, audio cassettes and tapes, cable and over-the-air television and satellite hookups.

The first classroom of its kind at College Park, the high tech facility is intended to be the prototype for others like it that will be installed at various campus sites in the future.

Kirwan's Inauguration Set

The university is planning a major celebration during the last week in April—and alumni are invited to participate in the special events.

On Monday, April 30, the inauguration of College Park President William E. Kirwan will take place beginning at 2 p.m. in Tawes Theatre. The inaugural ceremony will be the capstone event in a five-day community-wide celebration commencing on Thursday, April 26.

Inaugural events will include a student arts festival on the mall, lectures by distinguished speakers, and an inaugural concert highlighting the talents of College Park music faculty. The grand finale will be a public reception immediately following the inauguration in the Grand Ballroom of the Adele H. Stamp Student Union.

Many dignitaries are expected to attend the inauguration ceremony, to which alumni are especially invited.

The ceremony will signify the formal investiture of William E. Kirwan as College Park's

fourth chief executive officer. Formerly the vice chancellor for academic affairs and provost at the university, Kirwan became president of the state's flagship university on Feb. 3, 1989, after serving as acting president since Aug. 1, 1988.

Journalism College Opens News Bureau

The College of Journalism, as part of its five-year plan to create a model professional school, has opened a student reporting bureau in downtown Annapolis. "Capital News Service," with former Washington Times metro editor Vanessa Gallman as full-time director and on-site editor, began operation during the fall semester.

This spring semester, a pilot program has more than a dozen students developing story ideas while covering government agencies and offices, and public affairs issues. Their stories are sent from the bureau to participating daily and weekly newspapers throughout the region.

According to Reese Cleghorn, dean of the College of Journalism, plans call for eventually opening a second reporting bureau in downtown Washington, D.C., making Maryland the only university in the country with two capital student news services.

Ten editors and publishers from newspapers in the Maryland, Delaware and D.C. area have agreed to serve as advisers on the bureau's Press Council. Among them are journalism graduates Denise Perry, editor of the *Easton (Md.) Star-Democrat*, and Jim Pokrandt Jr., publisher of the *Cambridge (Md.) Banner*.



Nemes Receives Presidents' Medal

Graciela P. Nemes, whose years at College Park as a student, teacher and now professor emerita of Spanish and Portuguese languages and literatures span nearly half a century, became the first woman to receive the President's Medal.

The award was presented during the sixth annual Faculty and Associate Staff Convocation last October. Originally known as the Chancellor's Medal, the award was created by former Chancellor John B. Slaughter in 1985. It is the highest honor the campus confers on a member of its community for outstanding service.

Nemes began her long and productive career at

College Park in 1947 as a graduate student in Spanish studies. Five years later she earned her Ph.D. Her student days also introduced her to the person who would dominate her intellectual life.

Juan Ramón Jiménez, internationally recognized poet and expatriate of Franco's Spain, was teaching at Maryland when Nemes began her studies here. Jiménez made an impression on the young scholar that has lasted a lifetime and, since joining the College Park faculty, she has championed the poet throughout her academic career.

Her first initiative on his behalf was perhaps the

most significant. In 1956, she persuaded the languages department to nominate Jiménez for the Nobel Prize in Literature, which he was awarded that year.

A year later she published *The Life and Works of Juan Ramón Jiménez*, her first biography of the poet. In 1974, she reissued the biography in an expanded two-volume edition now considered the definitive work on Jiménez.

During 1981, the centennial year of his birth, Nemes found a lasting way to commemorate the poet at College Park. At her urging, campus officials dedicated the then Foreign Languages Building in his honor and since then Juan Ramón Jiménez Hall has been the home of the foreign language programs.

A New Vice President

In a few weeks, College Park will be welcoming a new vice president. When she arrives, she will be the highest ranking woman administrator at the university.

President William E. Kirwan has named Kathryn R. Costello as new vice president for institutional advancement. When she joins the president's cabinet on April 2, she will be one of four vice presidents and also will become a senior officer in the University of Maryland Foundation, the non-profit foundation established to support the university. She replaces Dr. A.H. Edwards, who resigned to take a similar position at the University of Arkansas.

Costello comes to the university from Texas, where she gained a national reputation for her ability to manage major fund raising campaigns and build top-notch advancement programs. She has been vice president for public affairs at The University of Texas Southwestern Medical Center at Dallas since 1986.

As College Park's chief advancement officer, she will oversee the Offices of Alumni Programs, Creative Services, Development, Public Information and Special Events.

University Announces Plan To Appeal NCAA Sanctions

Maryland President William E. Kirwan responded to NCAA sanctions against the men's basketball program by announcing on March 5 that the university would appeal some of the penalties.

The sanctions include:

- A ban from postseason play in the 1990-91 and 1991-92 seasons.
- No live telecast of team games during the 1990-91 season.
- Return of more than \$400,000 received from the team's participation in the 1988 NCAA Tournament.
- A three-year probation period.

Kirwan said that the university "deeply regrets and is embarrassed by its violations," but added that "the sanctions imposed are more severe than our infractions warrant." At a news conference, he said the precise nature of the appeal would be determined within the 15-day period permitted under NCAA rules.



African-American Culture in Contemporary Society

Samuel L. Myers, Jr., director of the Afro-American Studies Program, has long been interested in helping minorities learn the skills of policy analysis to apply to their own communities and in helping non-minorities understand the cultural and historical roots of contemporary public-policy problems confronting minority communities.

Two recent efforts underscore this interest: a newly revised concentration within the Afro-American Studies major in public policy analysis and the Post-Doctoral Program in Public Policy and the Black Community. Both efforts attempt to create, at different educational levels, a public policy analysis regimen that combines historical and cultural studies with economics, statistics and computer applications.

"The complexity of problems facing the black community requires a more sophisticated approach to problem-solving," he says. "We want to provide an education that is intellectually challenging and vocationally relevant."

In addition to his administrative duties, Myers has delivered several papers on the effects of black male labor force withdrawal on family structure and racial earnings inequality. He also co-authored "Crime and Administration of Criminal Justice," chapter seven of the recent National Research Council study, *A Common Destiny: Blacks and American Society*.

Recent Graduates Pleased With College Park

A survey of graduates who earned their bachelor's degrees in fall 1986 or spring 1987 has found that more than two-thirds (68 percent), if they were to do it over again, would attend College Park for their undergraduate education.

Sixty-five percent indicated they would major in the same field and 59 percent of those employed full-time rated their job preparation as either good or excellent.

The survey was mailed to 5,400 alumni whose addresses were available. 2,410 responded. The survey asked respondents to evaluate their educational experiences while earning their degrees, plans for furthering their education, employment status and teacher certification status.

Other survey highlights:

- 55 percent reported receiving one or more types of financial aid.
- 81 percent planned to earn a higher degree or graduate certificate.
- 68 percent who re-enrolled in a college, university, graduate or professional school rated their preparation for advanced study as good or excellent.
- 82 percent were employed full-time with a median annual salary of \$21,000 to \$23,000 for women and \$24,000 to \$26,999 for men.
- 90 percent rated their satisfaction with the UM Libraries as good or excellent.

A NEW WORLD OF KNOWLEDGE



KNOWLEDGE



College Park's libraries face the demands and opportunities of an information age

By Adina R. Gewirtz

In a cluttered back room at the University of Maryland's College Park campus, a shining black piano stands before an audience of empty chairs. No one sits on the smooth lacquer of its bench, no one touches the polished white of its keys. But in a flash of motion and sound, it begins to play.

Guided by invisible fingers, the keys jump and roll, and a piano solo echoes through the empty room. Or nearly empty. Beside the wall, a man sits at a computer terminal, enjoying the performance he has just commanded the Boesendorfer computerized piano to play.

A few moments before, the screen of the IBM computer that directs the piano had blinked on as Neil Ratliff asked it for a favorite piece. "CD\Artist2," he typed. And then, "Play." The room remained silent for a moment, until a trill of the piano keys filled it with fast-paced, urgent music. In the empty air over the dancing ivories, the ghost of a musician was palpably there.

This is the roll-playing piano room at the Music Library, part of the International Piano Archives, one of the vast special collections in College Park's library system. The black piano is a recorder piano, the grandchild of the older instruments in the room, which can play back most of the 8,000 paper rolls shelved in the Music Library. Professional pianists, and students, come here to record their performances, then sit back and listen to them from the audience. With the computer capabilities, a student pianist can even edit the performance and play it again.

This time, Ratliff, head of the Music Library, does not call for an encore. Instead, he sits back in his chair and grins. "That's why we're full of surprises," he says.



'We are undergoing evolution — not revolution.'

The piano, the computer and the special collection are all part of the university library, and it is full of surprises. At the UMCP libraries, the curious come to experience the music of Mozart or the tirades of Joseph McCarthy. They can discover the details of NASA aeronautics, or trace their way back through history with old maps, films, art and books. And, increasingly, what isn't available on the spot can be accessed through a complex networking system that leads searchers through the holdings of the state, and in some cases, the nation.

A long way from the age of card catalogs, the library remains a place of solitude, quiet and books. But now, it is also a sophisticated world of computers, compact discs, audiovisual equipment and much more.

"We are undergoing evolution—not revolution," says library director H. Joanne Harrar. "Each one of these means of communication is adding on to what is already there; nothing yet is being replaced." Nothing, that is, except the old way of looking at libraries. And at College Park, the library system may be more changed than most. While it will celebrate the acquisition of its two millionth volume in the fall of 1990, a landmark belated for a campus the size of College Park's, the library has blossomed from one building full of bookshelves to a system that spreads out to accommodate every department and topic.

As library development director Mary Holland says, a library graduates no one. But without it, there would be no one to graduate. This is the dilemma of the modern university library. Essential but long ignored in the funding process, it faces inflation, fast-changing technology and the full-time needs of a major research university.

A many-tiered system, UMCP's library stands on two legs: McKeldin, the graduate library, and Hornbake, the undergraduate. They support a system that includes five branches and numerous special collections, service and technical divisions.

"Libraries are nothing more than one aspect of society. They are repositories of society's history and its knowledge," Harrar says. "So if they are going to be effective social tools, they must reflect the technological developments of society."

Those developments have irrevocably changed the library. It is more than a place, it is a system—a moving, many-tentacled organization that relies on the skills and expertise of hundreds to do its job, day and night, year-round. With special collections and branches holding information on everything from aerospace engineering to art history, a library computer network called the On Line Catalog has mostly replaced card cataloging. What that computer network neglects, indexes on CD-ROM, compact discs with read-only memory, provide. Other information can be found through special computer searches done by reference librarians or on microfiche, as well as in printed indexes of every variety.

In the Engineering and Physical Sciences library, the computer indexes are used daily on information searches. Reference librarians lead patrons on searches like archaeologists on a dig, sifting through endless information to make a find.

On one such search, a thin man with collar-length hair and an intense concentration in his face removes a compact disc from its case, watching the rainbows it reflects, like a prism, as it catches light. He inserts it into the disc player and turns on the computer.

Today, Jim Miller, a reference librarian here, is experimenting with a new CD-ROM, searching engineering abstracts for articles on a technical aspect of bridge building. "Finite, element, concrete, bridges," he types. The computer blinks. "Searching." Finally, it combines his key words and tells him 13 articles contain all of them. He asks it to display the titles of each, and it does.

"The computer has made a lot of it easier," Miller says, but the days of manual searches are not over, and the librarian is far from obsolete. With their special knowledge of the collections, search systems and the subject area, librarians are more necessary than ever.

Reference librarians like Miller use key words like clues, or points on a map. With such a vast collection, it takes the librarian to come up with the right key words to recall one item stored among millions of others.

Such searches have grown increasingly necessary in a system that grows more complex every year. According to library statistics, in the last school year, librarians at College Park answered 504,957 reference inquiries and did 32,555 database searches. With almost 3 million people coming through the library turnstiles last year, the system has had to accommodate the growing need for materials. But with a total budget of \$15 million, \$4.5 million of which is



designated for materials and collections, the process of choosing what to collect gets complicated.

That's why in the last few years, library administrators have hired staff with specific subject expertise to choose what the library should spend its limited resources to buy.

Such special selectors are called bibliographers, and the library now employs two of them. Heleni Pedersoli, the bibliographer in languages and literature, works out of a cluttered upper-floor office in McKeldin. All around her, aging books and cardboard boxes fill the cramped space she shares with a desk and several file cabinets. A cheerful, small woman, Pedersoli speaks with a soft Portuguese accent. Her job requires full use of all her knowledge, especially her ability to read. In Portuguese, Spanish, French, Italian, German, Hebrew, Latin and Greek, that is. These are the subject areas in which she selects, as well as in the East Asian collection, which she reviews by reading Japanese and Chinese in translation.

Pedersoli analyzes most bibliographies relevant to her subject, looking for newly published books the library should have. Then she checks courses taught on campus and the needs of the researchers in that topic. She then writes an acquisition policy for each area, listing needs by priority.

"Sometimes people think the librarians just check books out," Pedersoli says. "Before you get it on the shelf, it goes through this long process of decision making—and it's labor-intensive."

Pedersoli's description is no exaggeration. In the nooks and crannies of the graduate library, a book, or a periodical or videotape or almost any library material, has to be chosen by faculty representatives, reference librarians and bibliographers, usually working in tandem. The bibliographers then send the order to the people in acquisitions, who buy it. When it comes in, workers in cataloging label and number it, slipping it into the huge indexing system that connects the libraries on campus. Finally, it gets to the shelves, where reference librarians learn its place, for the aid of users who will soon come searching for it.

But that's not all. For books that deteriorate, a special preservation officer has formed a disaster team to deal with damaged materials, which are rescued, fixed and returned to the shelves or kept in storage for special use. Meanwhile, all this goes on in the branch libraries as well, where the focus narrows to a single subject or format.

The branches are a special feature of the library system, self-contained but connected to the system and each other through the On Line Catalog.

The branch libraries are more than just a collection of one subject gathered in one place. Each section reflects the personality of its collection, too. Branch librarians often hold degrees in their subject areas as well as library science, so historians head the collection of Maryland's historical documents and maps and



a librarian with a chemistry degree runs the chemistry branch.

At the Music Library, a singer, a trombone player and a French horn player—all professional librarians—oversee numerous scores, cassettes, records and compact discs. Students come to complete music assignments or just to listen, quietly, to their favorite pieces.

And it is quiet . . . mostly. But amid the occasional rustle of pages and whisper of students, there is also the vague sound of clashing cymbals and an occasional string movement just audible from the cubicles where listeners sit with earphones snug to their heads, busily taking notes and rocking slightly. And on one desk, among the etchings of several student desktop artists, a bold signature marks the tone of the place: Johnny Jazz.

In the Architecture Library across campus, the clean, black



Before a book gets to the shelf, it goes through a long process of decision making.

lines of periodical shelves displaying glossy architectural journals split the room in a pattern that gives a spacious look to the small area. On either side of them, narrow rows of books stand no more than one shoulder-width apart. Patrons must take turns moving down the long aisles, scanning the books on landscape architecture, fire protection codes, Greek architecture in the 17th century and more—many in Hebrew, French or Japanese. In a room near the entrance, old photos and sketches of the 1851 World's Fair line the walls, and stereocards seen through primitive 3-D viewers boast the highlights of the famous Crystal Palace built there.

This library, like the Art Library nearby, collects pictures, etchings and architectural drawings to serve those interested in its subject. And hanging on a cramped balcony above the Architecture Library, the National Trust for Historic Preservation Library does the same.

In the Trust library, donated to the campus by the National



Trust in 1986, Sally Sims Stokes, the Trust librarian, sits in a near-hidden niche, her desk squeezed between bookshelves and bounded by a row of hanging files. The guardian of a collection that spans the history of the nation, Stokes manages to keep track of materials that cover the restoration of colonial Williamsburg, or the do-it-yourself house kits of the early 20th century that newlyweds bought out of a catalog and built themselves.

She flips through one such catalog, produced by the "Aladdin" company, to a drawing of a house billed as "The Marigold—Story and a Half—Price \$789." Stokes grins, remarking that some of the houses in Takoma Park, not far from the campus, were built from a catalog by Aladdin, or Sears and Roebuck.

The Trust library has the largest collection of its kind in the country, so Stokes has her hands full with requests of all kinds—groups asking how to designate their neighborhoods historic districts, people wondering about certain buildings or sites, or searchers from everywhere, looking for a familiar landmark from long ago. This kind of long-distance use of the library is growing, especially as the technology to encourage it grows. Library director Harrar looks forward to a time when library buildings will be havens for intellectual solitude and quiet, but when information can be obtained from anywhere, without stepping foot in the building.

"Increasingly our systems and our data must be available to our faculty and students in their computers," Harrar says. "The thrust in the future will be access to what some people call the 'virtual library'—the world of knowledge." The technology for sending the full text of materials to a computer outside the library exists, she says, but is presently too costly to use on a broad basis. But the time is coming, and soon, when the whole concept of a library will change. It won't be a place, it will be a resource.

Head of public services Danuta Nitecki agrees. With the explosion of information and the formats that hold information, libraries *have* to change. It's not enough for them to be warehouses of information; they have to be networks of it. "No library can possibly expect to have all the information available, so instead . . . our role is to have as much access as possible," she says. "More and more, we're looking at ways that we can reach and identify information that's not available physically, locally."

Even information that is available physically often takes a computer search to find. In the Government Documents and Maps Room in McKeldin, branch head Hugh O'Connor spends time with an older man looking for records of the United States' immigration decisions in the early part of the century.

At another moment, he answers a phone request for records of the leading causes of death from 1950 to 1969.

Because McKeldin is a federal depository library, government-designated as one of only 52 in the country, the documents collection is best equipped to handle such requests. This section receives everything that is available through the government depository program, according to documents librarian Marsha Carey.

And because the library collects much of what the U.S. government has to offer, plus a collection of international and agricultural publications and a full collection of regional, national and international maps, it stands alone as a major resource on almost every subject.

On the first floor, vicarious travelers can sift through the maps of every state in the nation and country on the globe. And if they want to travel through time, a patron can walk upstairs.

There, a copy of almost every Congressional hearing ever printed represents the diary of the nation. The hearings are an index to its interests, fads, discoveries, maturity—and sometimes its immaturity.

On this floor, bound Congressional hearings stretch back for five or six rows. They make a strong impression of sameness, of years and years of the statements and misstatements made in this country's chambers of power.

But standing out slightly from the mass of grays and browns is a thin blue book titled *State Department Employee Loyalty Investigation*. The date is July 20, 1950. The small book details the allegations of Sen. Joseph McCarthy, including "statements by



**Long-distance
use of the
library is
growing.**

Sen. McCarthy seemingly designed to suggest that he has confidential sources in the State Department."

Anyone who wants to do more than read about McCarthy can take a short walk across campus to the undergraduate library, where in the Non Print Media Department, the senator glares out at his audience, pointing at the accused and speaking in a nasal tone that the nation has since marked sinister.

**The whole concept of a library
will change. It won't be a place,
it will be a resource.**



He lives there on tape, in a library that reflects the greatest change in the system. Here, video and audio tapes pack the shelves behind the reference desk, and each cubicle contains a television screen and video recorder or tape deck. Filled with silent kinetic energy, the room lights up with the flash of color and action from every screen.

Allan Rough, head of Non Print Media Services, freely acknowledges his love for the "toys" that fill his section of the library. He points to a windowed room behind the reference desk, where 20 screens and a jumble of wires and dials serve as the control center for the library and the campus' cable TV channel. Hyperactive images jump across the screen: a man playing the harmonica, a news program and Gov. William Donald Schaefer wearing a Terp cap and holding a red-and-white banner.

This room also controls the video "dial access" channels available in two rows of cubicles at the far end of the library. The dial access system—a 14 channel in-house cable system programmed weekly with course assignments from different disciplines—runs 80 hours a week. The control room is only the most visible part of a system charging into the next century with all its might. But librarians have not forgotten the content of their work amid the increasing complexity of its form. Instead, they still see the library as a place to treasure hunt in an information-rich world. And that's why, for the most part, they're here.

"I went into the library sciences because libraries are where there is information," Rough says. "Libraries are where you can find out the answers."

That sentiment is echoed by many librarians, especially library director Jo Harrar. She sums it up with another story, of herself as a small child.

Harrar says she was passionate about reading, and even before she was literate made her mother read and read and read to her. Once she could read, she concluded when she grew up she would read everything ever written.

That was before she knew about foreign languages.

When she found out about that, she decided to read everything ever written in English. Then she found out about different subject matters. When she found that out, she realized the task was an impossible one.

So she became a librarian.



IN THE PRIME OF THEIR LIVES

BY LISA GREGORY

PHOTOGRAPHY BY JOHN T. CONSOLI





Dee Bickley, studying with a classmate, followed her daughter and three sons to College Park.

H

ENRIETTA SPIEGEL WAS AN 80-YEAR-OLD

freshman attending her first class. And she was a little nervous about it all as she quietly made her way to a seat in the huge, empty lecture hall.

Then she heard it. The remark.

"God, just look what came through the door," the young student said in her direction.

At that moment, still feeling the sting of the young man's words, she could have gotten up and left right then and there, abandoning her desire to get a college education.

But Spiegel was no quitter. Confidently, she squared her small shoulders and thought to herself, "I'll show you."

Four and a half years later, Henrietta Spiegel at the age of 85 received her college diploma, making her perhaps the oldest person to ever receive an undergraduate degree from the University of Maryland at College Park.

She smiles now at her first-day experience, one that in no way would reflect her years as a student on the College Park campus. By the time of her graduation in 1988, she had been wholeheartedly embraced by the campus community, from students to faculty members.

"My greatest achievement here," she says, blue eyes twinkling, "was my rapport with the students."

Spiegel not only graduated, but impressively with a 3.7 grade point average out of a possible 4.0. An English major and sociology minor, she was also a member of Phi Beta Kappa, the Mortar Board National Honor Society, Omicron Delta Kappa, Sigma Tau Delta, Phi Kappa Phi, and *Who's Who Among Colleges and Universities*.

"It's important to realize your own self-worth," says Spiegel, who enrolled at College Park following the death of her husband of nearly 60 years. "The greatest problem with senior citizens is that many of them do not have a complete feeling of self-worth. They accept being old. They accept that it's hard for them to get around . . . all the things that come with aging. They don't seek ways to make things easier for themselves, to be constructive and achieve a real sense

of self-worth. That's very important."

Doris Yochum, 63, had always been interested in anthropology. A nurse most of her life, Yochum decided even before she retired that she wanted to enroll at Maryland and major in anthropology. It was a notion that left her husband and son a little "flabbergasted," but supportive.

She retired in December of 1988 and began classes in January of 1989.

"I felt as if I had started a new life," she says. "I had always wanted to do this, but never had the time."

This past summer Yochum earned credit by working on an archaeological dig in Annapolis. She fully anticipates graduating with her degree and working in the field—even if only on a volunteer basis.

"You don't set out to do something like this and not plan on achieving it," she says.

Like Spiegel and Yochum, more and more senior citizens are attending college classes. Some are trying it for the first time. Others are returning to finish degrees. Some are taking classes for interest only. Others are working on degrees.

"More and more people are able to be active well into their 80s without many impairments, and people can expect to be active 20 to 30 years after they retire," says Laura Wilson, director of the university's Center on Aging in the College of Physical Education, Recreation and Health.

At the turn of the century, only 4 percent of the population was 65 or older. In 1990, that number was expected to increase to 12.7 and by the year 2000 to grow to 13 percent, according to the U.S. Bureau of the Census.

"It's so important for us," says 74-year-old Dee Bickley of the opportunity to attend college classes. "It keeps us alert. I would study forever and ever if I could."

Most of the older students on campus participate in the Golden Identification Card Program

'I FELT AS IF I'D STARTED A NEW LIFE.'



Jack and Melva Kleiman are both auditing classes and participating in the Golden ID program.

that makes courses and campus services available to persons who are 60 or older, who are residents of the state of Maryland and who are retired or not employed for more than 20 hours a week. The program is also open to Marylanders under 60 who are retired and disabled. According to Nancy Bruns, program coordinator, as of spring 1989 the program had 475 participants. "It opens up a whole new avenue for them," says Bruns of the program.

Jack and Melva Kleiman both participate in the Golden ID program. Jack, who has his Ph.D. in political science, is interested in studying both Chinese and Spanish. Melva is interested in art and crafts.

"But I take anything that sounds interesting to me," she says, "like sociology, geography, health."

Both Kleimans are auditing classes.

"We plan on doing this indefinitely," says Melva of the college courses they take. "It gives a routine to your day once you're retired."

Shortly after the death of Spiegel's husband and prior to her enrollment at College Park, she went to visit a sister in Florida who lived in a retirement community. There she learned the value of having a routine to her day.

"I saw how much time was wasted by her neighbors and friends," recalls Spiegel. "They did nothing constructive, just sat and gossiped and worried what the next meal would bring. Sometimes they spoke about their grandchildren. But they had nothing for themselves."

Coming back home, Spiegel was determined to do something for herself. She called her son and told him, "I want to go to college."

"I realized that, living close to the university, I had to find out what was available to me," says Spiegel, whose home is situated between two fraternity houses. "I wasn't looking for fun and games or wasting time. Anyone can do that. But I felt that there were things I could learn."

Like so many of the other older students, Spiegel has a real respect for education. Her husband graduated from the University of Vienna, where he was a student of Sigmund Freud. But she found satisfaction not only in what she learned in the classroom, but with the people she met as well.

"I have so many friends, and that is a wonderful feeling," says Spiegel, who attended football games and the occasional tailgate party while she was a student. "I have learned so much from the professors, the courses and, of course, the students."

Her last semester, Spiegel hosted a cookout for the students at the campus shuttle service. She

relied on the shuttle to transport her back and forth to classes. In appreciation of the cookout, the students presented her with a card and showered her with hugs, kisses and kind words.

"I enjoyed it all," she says of her years as a college student. "I worked hard, and I enjoyed a sense of self-worth. When people asked, 'Don't you find it hard to do this?' I told them, 'Nobody sent me!' I have to be responsible for myself. I wanted to set an example of how important education is and how important it is to adjust and live with people."

She says that she was pleased to find that the younger students were eager to make friends with her and even offered the occasional helping hand up a flight of stairs.

Counselors Barbara Goldberg and Beverly Greenfeig see plenty of interaction between older and younger students in their Returning Students Program on the campus.

The program is designed for individuals who are 25 or older, have experienced a break in their formal education, and would like to return to or begin college study. A course for returning students (EDCP 108R), "College Aims for Returning Students," is also offered.

Greenfeig laughingly recalls one particular class where two of the older students mothered one young man.

"The two of them were concerned that he was taking too many hours," says Greenfeig. "So, after class one day, the two women sat down with him and talked him into cutting back on his 19 or 20 hours."

Goldberg says that it isn't that unusual, though, in the beginning for the two very different age groups to avoid each other.

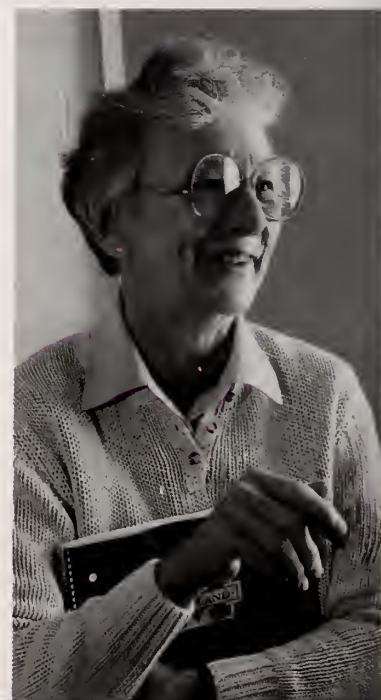
"There's a bit of a standoff," she says. "They're not sure if they have that much in common. That's why small classes are particularly good. They have a chance to get to know each other." And often it doesn't take long for the younger students to realize the value of having an older student in class, says Greenfeig.

"The older students are good students," she says. "They take good notes, ask good questions. The younger students begin to see the older students as a great reserve to have in class." And the younger students, says Goldberg, can inspire the older students with their excitement, enthusiasm and youth.

"These are people that are very excited to be here," says Greenfeig. "Or they wouldn't choose to come here. And they can share with the

Continued on page 17

Doris Yochum, 63, has been interested in anthropology for as long as she can remember. Now she hopes to receive her degree in 1991.



UNIVERSITY OF MARYLAND
AT COLLEGE PARK

A Class Ring That Still Shines



During a touch football game at Orlando Air Base, Donald M. Goldstein lost his University of Maryland 1954 class ring. He and his friends searched the grass for two days but couldn't find it.

Quartermaster First Class Sean C. Downey is a metal detector hobbyist at the Navy's Orlando Recruit Training Center—the old air base. Last spring, while using a metal detector on those grounds, he got a signal. He dug. Nothing. He dug some more. There. Under about eight inches of dirt lay a University of Maryland 1954 class ring. It was inscribed with the initials D.M.G. and the Greek letters Sigma Nu.

With this information, Downey contacted the Office of Alumni Programs in search of D.M.G. Records were searched, and Goldstein was located. He had been voted the first Ugliest Man on Campus in 1954.

A retired Air Force colonel, Goldstein is a professor of public and national affairs at the University of Pittsburgh. His wife recently talked of having a new class ring made to replace the lost one. Then Downey called, and the ring was returned.

As thanks, Goldstein sent to Downey three books he had co-authored—*At Dawn We Slept*, *Miracle at Midway*, and *Dec. 7, 1941: The Day the Japanese Bombed Pearl Harbor*.

Goldstein had lost the ring in 1957. Downey found it in 1989. A life's history of soil had covered it. Still, it shines like new, Goldstein says, like the day on which he graduated. **CP**

From the Alumni Director

Wherever I go in my university travels, people want to know more about the College Park Alumni Association. Although the association has been in existence only for nine short months, we have been hard at work—building a firm foundation for the future and launching an aggressive campaign to enhance our visibility.

Under the skillful leadership of association president James Shaw, the alumni board of governors is working ever more closely with University President William E. Kirwan to ensure that the direction we take will indeed enhance—and advance—the entire university's mission and plans.

To position the association to meet the challenges of the future, a number of committees have been formed within our board of governors. Among these are Strategic Planning, Membership and Marketing, Career Counseling and Mentoring, and more. While each has a separate purpose,

all share the common goal of strengthening the bond between this university and its alumni.

Most critical to the success of the association, though, must be a strong and active base of membership. We are pleased to count more than 21,000 current paid members, but there is much more to be done. The greatest challenge we face is that of realizing the potential we have to attract thousands of more alumni into our ranks.

Finally, when asked about the College Park Alumni Association, I am sure to recount the benefits of membership—quick to point out that the greatest of these, no doubt, is the pride derived from a continued commitment to and relationship with your alma mater. And that is when I reach into my pocket, pull out a membership application and ask, "Are you a member?"

Leonard Raley

CP



College of Agriculture

The College of Agriculture Alumni Chapter has had a busy year to date. In September, the chapter co-sponsored the 1989 Welcome Picnic with the College of Agriculture. Over 225 alumni, students and faculty attended the picnic, enjoying the cookout and volleyball game outside Symons Hall.

During Homecoming, agriculture alumnus Lloyd Potter returned for his 50th reunion, bringing the blue 1936 Ford convertible that he drove to and from his farm in Cabin John, Md., while a student at the university.

In November, three representatives of the Agriculture Alumni Board attended the inaugural dinner for the Maryland Agricultural Education Foundation Inc. The foundation is designed to coordinate public and private support for the continued development of agricultural education programs in Maryland's schools and colleges.

In other news, Dr. Paul Mazzocchi was appointed acting dean of the College of Agriculture and the College of Life Sciences by President Kirwan. Dr. Mazzocchi has been on the College Park faculty since 1967 and chaired the chemistry and biochemistry department since 1982. Mazzocchi also served as the acting director of the Maryland Biotechnology Institute in 1985-86.

Finally, in an effort to locate over 2,000 lost alumni, a special edition of "Ag Alumnews" was sent to agriculture alumni. The response to the special edition was tremendous and agriculture alumni are congratulated for their contributions to this effort. If additional agriculture alumni are not receiving the "Ag Alumnews," please contact: Editor, "Ag Alumnews," 2111 Jull Hall, University of Maryland, College Park, MD 20742-2525 or call 301/454-7752.

College of Architecture

The annual fall get-together for architecture alumni was held at the School of Architecture in October. Past presidents of the alumni chapter were honored, including Glen Stephens, Tom Aylward, Jim MacDonald and Tom Eichbaum. Current president Joe Quarterman welcomed all alumni and distinguished guests.

College of Business and Management

The year 1990 promises continued growth and change for the college's alumni chapter, which has a new director to coordinate its many activities.

Tim McDonough has been named the CBM's new director of alumni programs. He previously was associate director of development in the College of Journalism.

McDonough becomes the Business School's first full-time alumni director. He will work with Dean Rudolph Lamone and CBM Alumni Chapter President Mike Walsh to coordinate the chapter's annual social and fund-raising activities.

McDonough says the chapter's first order of business will be to refine and complete the strategic plan for 1990 that will encompass the organization's social and professional goals. Highlights of this plan include the March Entrepreneur's Club Reception for Maryland basketball coach and CBM alumnus Gary Williams at Columbia Country Club in Bethesda, Md., and the May 19 Alumni Gala Dinner at the BWI Marriott. William E. Mayer (CBM '67), Chairman, Management Group of First Boston Inc., will be honored at the Gala as the alumni chapter's 1990 Outstanding Alumnus of the Year.

McDonough welcomes new ideas and volunteers. He can be reached at 301/454-3831.

Design

Our October 10th Happy Hour at 94th Aero-squadron was such a success that we held another one on Tuesday, Feb. 6, at 7 p.m. at Bentley's on Route 1 near campus.

Our 3rd Annual Spring Alumni Show is scheduled for April 24 in Marie Mount Hall at 7 p.m. Work from both the graphic design and the interior design alumni is represented. The department also coordinates a senior show of student work on the same evening. Information on how to submit work will be mailed out in March. If you would like more details on any of our events or activities, please contact Kenzie Raulin at (301) 762-1800 or Sharon Davis at (301) 454-5471.



College of Education

The College of Education is delighted to have a dynamic, expanding alumni chapter. The primary emphasis of the chapter is on enhancing channels of communication between alumni, faculty and students. Each year the chapter joins the college in hosting a series of programs and activities of interest to its graduates and faculty. These events, including the September Supper and the Vernon Anderson Lecture, are intended to serve as a vehicle for facilitating and maintaining close ties.

In the fall of each year, the alumni chapter sponsors with Phi Delta Kappa a September Supper. The purpose of the supper is to familiarize alumni and friends with recent activities of faculty within the college. This year's program focused on international research activities in Egypt, Japan, China, the Soviet Union, Honduras and Western Europe.

The supper also includes the presentation of the alumni chapter's annual Distinguished Alumni Award. This year's recipient was Dr. Stanley J. Drazek, chancellor emeritus of University of Maryland University College. Dr. Drazek received his Ph.D. in 1959, majoring in industrial education and minoring in administration and sociology.

The chapter is also involved in the Vernon Anderson lecture, which is co-sponsored with the college for the faculty. Established in 1973, the lecture is held every spring to honor Dr. Vernon E. Anderson, who served as dean of the College from 1955 to 1970. The lecture focuses on significant recent events in the field of education. Past lecturers have included the Secretary of Education, members of Congress and other prominent

leaders in education. Last year's speaker, Dr. Eliot Eisner, professor of education and art at Stanford University, spoke on "The Potential of Qualitative Inquiry for Educational Practice."

During the lecture, the outstanding male and female graduating seniors are recognized for their academic achievements. The alumni chapter honors these students with plaques presented by the alumni president.

A special event to highlight 1990 for the chapter was a gala reception at the Japanese Embassy. For the 200 guests, authentic food and drink was featured. The focus of the event was celebrating the college's Mid-Atlantic Region Japan-in-School (MARJIS) program headed by Dr. Barbara Finkelstein. The MARJIS program is a curriculum research and development program designed to explore the foundations of innovative intercultural instruction in pre-collegiate schools.

The alumni chapter assists the college in its efforts to increase campaign funding. The chapter plans to award a number of scholarships for 1989-1990, which will be based on scholarly accomplishments at the undergraduate and graduate levels.

The current chapter officers are: president, Evelyn Pasteur-Valentine, who recently was named president-elect of the newly formed College Park Alumni Association; president-elect, Jenny Johnson, and secretary-treasurer, Gustava Sutphin.

College of Education alumni are encouraged to actively involve themselves with the events offered by the chapter and the college. For more information, contact A.F. "Tom" Franklin, Special Assistant to the Dean, College of Education, at (301) 454-1442.

College of Engineering

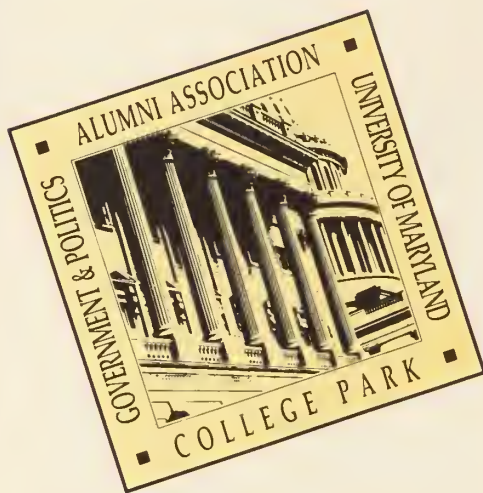
More than 2,000 alumni have joined the new College Park Alumni Association and are members of the Engineering Alumni Chapter as well. The Engineering Alumni Chapter has had a very successful fall, and looks forward to even more participation from engineering alumni in the future.

The alumni chapter kicked off the fall with a reception for all mentors and mentees participating in the Mentor Program. More than two-thirds of the alumni and student participants attended. Dean George Dieter and Alumni Programs Director Leonard Raley spoke to the group, and a great deal of the evening was spent in one-on-one conversation among mentees and mentors.

Two weeks later, the Engineering Alumni Chapter held a very successful Bull Roast at the NASA/Goddard Space Flight Center Recreation Center. About 250 people turned out—in spite of the threat of Hurricane Hugo—to meet with old friends and make new acquaintances. Next year's Bull Roast will be held at Goddard again. Plan to join us next September for this long-standing tradition of the Engineering Alumni Chapter.

The chapter's big spring event is the annual dinner, which will be held at the U.S. Naval Academy Officers and Faculty Club in Annapolis for the second year in a row. More information about the dinner will be mailed to alumni as June draws near. Join us for what promises to be a fun and exciting evening.

If you have questions about the Engineering Alumni Chapter or would like to become more involved, please contact Pam Stone in the College of Engineering at (301) 454-0544.



Government and Politics

On Oct. 4, 1989, the newly formed Government and Politics Alumni Chapter of the University Alumni Association held its first meeting of the new year. Officers were elected, bylaws were ratified, chapter goals set and the chapter discussed what promises to be an exciting and productive calendar of events for the coming year.

Under the dedicated leadership of Neil Gray, president; Mike Onley, senior vice president; Kathleen Smith, executive secretary of the College Park Campus Senate and chapter vice-president/membership; Frank Donnelly, Alumni Association board member and chapter vice president/treasurer, and Michael W. Smith, vice president/communications, the chapter plans, among other things, a Mentor Program that will pair a GVPT student with an alumnus in whose occupation the student has an interest. The alumni chapter is also organizing a Government and Politics Professional Network that will provide services for both students and alumni. Additionally, the chapter will be holding several receptions throughout the year, including an event in February that featured a prominent speaker.

With the success of last year's reception at the Rossborough Inn and this year's Homecoming firmly under our belt, the alumni chapter is excited and enthusiastic about what the future holds.

All GVPT alumni are welcome and encouraged to join, become involved and share in the services, support and activities of our dynamic chapter. Please contact Erika Rauscher at (301) 454-8064.

College of Human Ecology

The Alumni Chapter of the College of Human Ecology is planning two spring events at the college. The annual Awards Night, held to honor outstanding students, faculty and alumni, will be Tuesday, May 1, at 7:30 p.m. Highlighting the evening will be the presentation of the chapter's Service Award and the Distinguished Alumni Award.

On Thursday, May 10, the group will host a Graduating Seniors' Reception from 5:00 to 6:30 p.m. in the Maryland Room. All graduates of the college are invited to both events.

During the Fall, the HUEC Alumni hosted a Faculty-Alumni Reception, and a reception honoring December graduates of the college. The group is concentrating its efforts for spring on providing career guidance and help to students in the college.

College of Library and Information Services

The 9th Annual Alumni Day sponsored by the College of Library and Information Services was a grand success—"Pathways To Health Information: A Prescriptive Approach" attracted a large, vibrant, well-informed group. The Alumnus of the Year Award was presented to Carolyn Brown, '68, presently chief librarian, National Institutes of Health.

We hope those of you who missed it will join us for our March 1990 evening program and our 10th Annual Alumni Day in Fall 1990.

The new year is very special for the college—1990 is the 25th anniversary of the founding of CLIS, which was originally called SLIS, School of Library and Information Services. We are all thinking of appropriate ways to celebrate. Suggestions and participation are welcome.

The CLIS Alumni Chapter is open to all CLIS graduates and inquiries regarding membership are encouraged. Please contact Esther Herman at (301) 434-6540.

CP



Howard County Alumni Club

The Howard County Alumni Club is off to another busy year of challenging plans and activities after wrapping up a very successful 1989.

In November of last year, the club sponsored its annual bus trip to Memorial Stadium in Baltimore for the Maryland-Penn State football game. The group of more than 40 alumni and friends were on hand for the Terps' 13-13 tie with the Nittany Lions.

Also in November, in cooperation with the Office of Undergraduate Admissions, the club hosted a group of Howard County high school seniors and their parents for an evening of information-sharing on Maryland's admissions standards and student life on the College Park campus. Representatives from the specific schools and colleges where the students had indicated special interest were available to answer questions and address concerns. Three of the club's current scholarship recipients participated in the evening's activities. One recipient, Mark Dicus, offered the prospective students—and parents—his insights on the new challenges that campus life presents.

The club has recently embarked on a \$20,000 fund raising effort to endow a Francis Scott Key Scholarship for a deserving Howard County student. Howard County alumni and friends wishing to contribute to this effort may do so by mailing checks (designated to the Howard County Key Scholar to assure proper crediting), payable to the University of Maryland Foundation, c/o the Development Office, Turner Lab, Room 2101, University of Maryland College Park, College Park, MD 20742.

In the midst of this effort, the club will continue to sponsor two scholarships a year. Selections for the 1989-1990 school year will be made this April. The club's 50/50 raffle held annually in December and January is one source of funding for the club's ongoing scholarship program.

Activities for the Howard County Alumni Club's spring season include: a reception for Howard County high school seniors who have been accepted to College Park; an alumni reception and program featuring university officials and entertainment; and a tailgate party at a Maryland lacrosse game.

Any Howard County resident interested in participating in the club's activities, donating to the scholarship programs or serving as a member of the club's board should contact the president, Jim Stewart, at 997-3895.

Prince George's County Alumni Club

1990 promises to be as busy as 1989 for the Prince George's County Alumni Club. Already the club has sponsored its annual oyster roast—celebrating the 20th year. This event contributes significantly to the club's Francis Scott Key Scholarship and Calvert Mansion (in historic College Park) restoration programs.

On Feb. 8 members gathered on campus to participate in a phonathon held in cooperation with the admissions office. Speaking personally with some of the area's most talented high school students, members had an opportunity to congratulate them on their being admitted to Maryland and to encourage their Fall 1990 enrollment.

In April the club will present the Goddard Medal to outstanding seniors from Prince George's County.

The Prince George's County Alumni Club also contributes \$1000 a year for its Francis Scott Key Scholar, Lisa Tannenbaum, a sophomore majoring in biochemistry from Bowie, Md. Proceeds from many of its events and activities help support this meaningful program.

Club president Carolyn Headlee Fichtel attributes the club's success to active, involved and committed members. She gives special thanks to members Pat Metz, Jo Anne Welsh, Peggy Ross, Ellie Fields, Sarah Bourne, Karel Petraitis, Chester Ward, and Jean Baron for the leadership roles they have taken on in carrying out the club's 1989 and 1990 projects.

Prince George's County Alumni Club Spring Events

In April, the Prince George's County Alumni Club will have its annual meeting and wine tasting reception. Date and location will be announced in the next edition of "Update." Honored guests of the evening will be the 1990 recipients of the James Douglas Goddard Memorial Medal. Presented by the Prince George's County Alumni Club each year to the outstanding University of Maryland at College Park senior man and woman from Prince George's County, it is the oldest award of its kind given in cooperation with the University of Maryland.

Elections of officers and new board members will also take place at this event. We encourage any alumni in Prince George's County who want to become more active in alumni events to volunteer for the board of directors. Please contact Carolyn Fichtel, club president, 927-2510, or the Office of Alumni Programs, 454-2938. **CP**





Scotland and England

March 27—April 3

Partake in a one-week shopping spree and visit some spectacular sights as well! Fly from Baltimore, Washington or other gateway cities to London and spend one night at a manor house in the Windsor-Ascot area. The next morning, motorcoach to Oxford, the Cotswolds, Stratford-Upon-Avon and Chester. Overnight in Chester. Cross the border into Scotland and drive to Edinburgh for a three-night visit. Highlights include Loch Lomond, St. Andrews and factory outlet shopping. Return to England to visit York and an overnight at the manor house in Windsor before flying home. \$1,195 per person includes airfare, first-class and deluxe hotels, daily breakfasts and dinners.

Travel Agency: Matterhorn Travel

Great Cities of Asia Aboard the Sea Princess

April 18—May 8

The Far East has always held great fascination and appeal for American travelers. Visit five nations and city states on this unique 21-day itinerary. Depart Baltimore/Washington or your gateway city for Los Angeles and on to Singapore. Spend two nights in Singapore. Board the *Sea Princess* and cruise for 14 days to Hong Kong. Ports of call include: Jakarta, Indonesia, Bangkok, Kota Kinabalu and Manila. Disembark in

Hong Kong and stay two nights before flying home. From \$3,995 per person based on Los Angeles departure. Price includes hotel accommodations in Singapore and Hong Kong, all meals aboard ship, welcome and farewell cocktail parties. Special add-on fare of approximately \$250 from Baltimore/Washington to Los Angeles. Early booking discount available.

Travel Agency: Thomas P. Gohagan & Co.

Scottsdale and The Grand Canyon Weekend

May 5-8

Want to spend a weekend that you will remember for a long time? Fly from either Baltimore or Washington to Phoenix and transfer to your resort hotel in Scottsdale for one night. Next morning motorcoach through the spectacular Oak Creek Canyon to Sedona en route to the Grand Canyon. Arrive mid-afternoon and view this "wonder of the world" at sunset. Overnight in one of the lodges and spend the following morning hiking the trails or viewing the awesome gorges one last time. Motorcoach back to Scottsdale for another night at the resort hotel. Fly home Tuesday morning. \$679 per person includes airfare, deluxe and first class lodging, daily breakfasts and dinners. Prices from other gateways available upon request.

Travel Agency: Matterhorn Travel

Cruise the Pathway of Peter the Great With Dr. Thomas Berry

June 5-18

Experience a new travel adventure in the Soviet Union! Begin by flying from your gateway city connecting through JFK or Dulles to Moscow where you will spend three nights at the new deluxe Slavenskaya hotel. From Moscow, travel by special high-speed train to Leningrad, where you will board the *M/S Kirov* for seven nights. Visit Leningrad for 1½ days using the ship as your floating hotel before departing on a five-night cruise of the Neva and Svir Rivers as well as Lakes Ladoga and Onega. Interesting ports include the island of Kizhi in beautiful Lake Onega, the historic city of Petrozavodsk, and Valaam Island in Lake Ladoga. You'll be in Russia during the strange experience of the "white nights" when daylight lasts for 24 hours. Return to Leningrad where you will disembark and fly to Berlin for two nights at the deluxe Steigenberger Hotel. From \$3,095 (JFK) or \$3,195 (Dulles). Price includes lodging in Moscow and Berlin, all meals aboard ship and in Moscow, welcome and farewell dinners.

Travel Agency: Alumni Holidays, Inc.

Dr. Thomas E. Berry

Dr. Berry has been a professor of Russian language and literature at UMCP since 1972. He has published nine books, numerous articles and delivered many lectures on topics ranging from the architecture of Moscow and Leningrad to the history and literature of Russia and art in the Hermitage. His latest book is *Spiritualism in Tsarist Society and Literature*. His interest in Russian palaces stems from his wife's father, who was a page of Emperor Nicholas II and attended the tsar at court. His copious academic background has been enriched during his 20 journeys throughout the Soviet Union both as a researcher and guide.

Scandinavia and Russia Cruise Aboard the Royal Princess

July 18-30

Follow the path of the Vikings and explore Scandinavia with a special stop in Russia. Fly to London from your gateway city via JFK and board Princess Cruise Line's *Royal Princess* for a 14-day cruise visiting ports of Copenhagen, Leningrad, Helsinki, Stockholm and Amsterdam before returning to London. Priced from \$3,590 including airfare and all meals aboard ship. Early booking discounts available. Optional three night pre-cruise stay in London for \$595 per person, which includes deluxe hotel accommodations, breakfast daily, West End Tour and theater tickets to one performance.

Travel Agency: *Vantage Travel*

Central European Musical Medley Tour With Dr. Paul Traver

July 25—August 5

Spend twelve days traveling with Dr. Traver and attending some of Central Europe's finest musical festivals! Fly from Dulles on Lufthansa to Prague. Your tour includes two nights in Prague, a stop in Bayreuth, two nights in Nuremberg, two nights in Munich, two nights in Salzburg, and two nights in Garmisch. Some of the musical highlights are: the Prague Cultural Summer Festival, Salzburg Music Festival and visits to Wagner's personal opera house and Mozart's birthplace. \$3,599 per person includes airfare, superior first class hotel accommodations, continental breakfast daily, tickets to two music festivals and festive welcome and farewell dinners.

Travel Agency: *Academic Itineraries, Inc.*

Dr. Paul Traver

Dr. Traver is the founding director of the University of Maryland Chorus and artistic director of the Maryland Handel Festival. Since 1957, when he joined the UMCP faculty, he has been preparing choruses for appearances with major conductors and orchestras throughout the world.

His concert programs with the University of Maryland's Chorus, Chamber Singers and Collegium Musicum present a vast repertoire of music from the 9th through the 20th centuries. He has appeared as conductor with many orchestras including the National, Minnesota, Richmond and Annapolis orchestras.

Among his European performances are the first presentation of Handel's oratorio *Esther* at the Halle Handel Festival and numerous performances in London, Moscow, Rome, Vienna and Istanbul. His work on both sides of the Atlantic is greeted with enthusiastic responses by audiences and critics.

continued on page 16a

Alaska Aboard the Island Princess

July 22—August 2

Explore America's last frontier by land and by sea! Fly from your gateway city to Fairbanks and spend two nights before boarding the Midnight Sun Express train for Denali Park. Overnight in Denali before re-boarding the Midnight Sun Express for Anchorage and a two-night stay at the Captain Cook Hotel. Transfer by private rail to Whittier where you'll board the *Island Princess* for a seven-day cruise of the College Fjord/Columbia Glacier, Glacier Bay, and to the ports of Skagway, Juneau and Ketchikan. Disembark in Vancouver for your flight home. Priced from \$2,799 per person including hotel accommodations, all sightseeing while on land, all meals aboard ship, welcome/farewell cocktail parties. Special add-on airfares and early booking discounts available.

Travel Agency: *Thomas P. Gohagan & Co.*



To receive detailed brochures, fill out the coupon and return to:

Mrs. Joan Patterson
Office of Alumni Travel
University of Maryland System
3300 Metzerott Road
Adelphi, MD 20783
(301) 853-3743

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| ☐ Scotland and England | ☐ Alaska |
| ☐ Great Cities of Asia | ☐ Central Europe Musical Medley |
| ☐ Scottsdale & The Grand Canyon | ☐ Focus on the Chesapeake |
| ☐ Pathway of Peter the Great | ☐ Canada and New England |
| ☐ Scandinavia & Russia Cruise | ☐ East African Safari |

Name

Class

Address

City

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Phone (H) (O)



CALFNDAR

The Terrapin Club will be having Spring Sports Outings throughout the State, with one date in April and remaining ones in May. Featured at these receptions will be Director of Athletics Lew Perkins, Basketball Coach Gary Williams, Football Coach Joe Krivak, along with other coaches from the Athletic Department and other university officials. For information on these events, contact the Terrapin Club Office on 454-5141, or the District Chairman in your area. Their names and numbers are listed as follows:

April 16	Baltimore & Baltimore Co.	Gil Rosenthal (752-5678)
May 1	Howard	Mark Buckley (776-1010)
May 2	Dorchester, Talbot & Caroline	John Hurt (822-3413)
May 3	Worcester, Wicomico & Somerset	Chet Hanulak (546-9387)
May 5	Frederick	Bob Stull (271-7776)
May 7	Anne Arundel	John Lamon (280-2477)
May 8	Carroll	Dr. Marshall Fesche (876-6612)
May 9	Prince George's	Monty Ahalt (952-4520)
May 10	Kent & Queen Anne's	Dr. Neil Brayton (778-1104)
May 12	Harford & Cecil	Paul Madigan (574-5775)
May 15	Charles, Calvert & St. Mary's	Larry Holtz (932-3279)
May 16	Montgomery	John Rymer (493-1463)
May 17	Allegany & Garrett	Larry Boggs (724-2660)
May 18	Washington	Jack Corderman (791-3116)

APRIL

1 University Community Concert: "Takacs Quartet III," program TBA, 3 p.m., Center of Adult Education, \$15 standard admission, \$12.50 seniors and students, free seminar at 1:30 p.m. Call x6534 for info.*

2 University of Maryland System Town Meeting: Prince George's County. Alumni reception to precede the town meeting. For more information, call 301/454-2938.

5 University Theatre: "The School for Wives," by Moliere, translated into English by Richard Wilber, 8 p.m., Tawes Theatre, \$7 standard admission, \$5.50 seniors and students, production runs today-April 8 and 12-14. Call x2201 for info.*

18 University of Maryland System Town Meeting: Western Maryland. Alumni reception to precede the town meeting. For more information, call 301/454-2938.

21 University Community Concert: Sanford Sylvan, baritone, and David Breitman, fortepiano, featuring Schubert's Drie Klavierstucke, D. 946 and Die Schone Mullerin, cycle of 20 songs, Op. 25, D. 795, 8 p.m., Center of Adult Education, \$15 standard admission, \$12.50 seniors and students, free seminar at 6:30 p.m. Call x6534 for info.*

22 University Community Concert: Gene Bertocini, guitar, and Michael Moore, double bass, program TBA, 4 p.m., Center of Adult Education, \$12.50 standard admission, \$10 seniors and students. Call x6534 for info.*

23 Graduate School Distinguished Lecture: "Origins of Patriarchy," Gerda Lerner, U. of Wisconsin at Madison, 3:30 p.m., 2203 Art/Soc. Auditorium. Call x2843 for info.

24 Design Alumni Show: 7 p.m., Maryland Room, Marie Mount Hall. Call x2938 for info.

30 President's Inauguration: Inauguration of William E. Kirwan, Tawes Theatre, 2 p.m. Call x5335 for info.

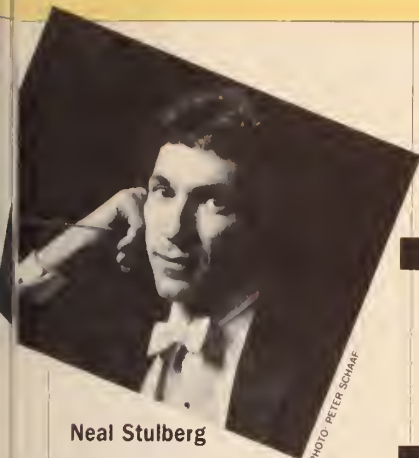
MAY

1 University Theatre: "Baby," 8 p.m., Rudolph E. Pugliese Theatre, \$8.50 standard admission, \$7 seniors and students, production runs today-May 6 and 8-13. Call x2201 for info.*

2 University of Maryland System Town Meeting: Eastern Shore. Alumni reception to precede the town meeting. For more information, call 301/454-2938.

4 Artist Scholarship Benefit Concert: Dominic Cossa, baritone, and the University of Maryland Symphonic Orchestra with William Hudson, conductor, 8 p.m., Tawes Theatre, \$10 standard admission, \$7 seniors and students. Call x6669 for info.*





Neal Stulberg

PHOTO PETER SCHAEF

5 University Community Concert:

Gervase de Peyer, clarinet, and Santiago Rodriguez, piano, program TBA, 8 p.m., Center of Adult Education, \$15 standard admission, \$12.50 seniors and students. Call x6534 for info.*

8 Benefit Concert Dinner:

celebrating the 20th edition of the UM International Piano Festival and William Kapell Competition, featuring six past winners of the competition and the Hon. William Donald Schaefer, honorary chairman, concert at 6 p.m., dinner at 8 p.m., Grand Ballroom, Stamp Union. Call x4212 for info.

11 University Community Concert:

Amsterdam Baroque Orchestra, featuring music of Bach and Mozart on period instruments, 8 p.m., Center of Adult Education, \$16.50 standard admission, \$14 seniors and students, free seminar at 6:30 p.m. Call x6534 for info.*

24 Commencement

JUNE

9 MSICPA Concert: Empire

Brass, program TBA, 8:15 p.m., Tawes Theatre. Call x4241 for info.*

12 MSICPA Concert: National

Symphony Orchestra Principals Quintet, program TBA, 8:15 p.m., Tawes Recital Hall. Call x4241 for info.

14 MSICPA Concert: Manchester

String Quartet, program TBA, 8:15 p.m., Tawes Recital Hall. Call x4241 for info.

16 MSICPA Concert: National Orchestral Institute Philharmonic, Neal Stulberg, conductor, featuring Mozart's Symphony no. 41, Erb's Prismatic Variations and Sibelius' Symphony no. 2, 8:15 p.m., Tawes Theatre. Call x4241 for info.

23 MSICPA Concert: National Orchestral Institute Philharmonic, Maximiano Valdes, conductor, featuring Debussy's Afternoon of a Faun, Prokofiev's Romeo and Juliet, Suites 1 & 2, and Tchaikovsky's Symphony no. 6, 8:15 p.m., Tawes Theatre. Call x4241 for info.

30 MSICPA Concert: National Orchestral Institute Philharmonic, James DePreist, conductor, featuring Schuman's New England Tryptich, Brahms' Symphony no. 3, and Bartok's Concerto for Orchestra, 8 p.m., Meyerhoff Symphony Hall, Baltimore. Call x4241 for info.*

JULY

7 MSICPA Concert: Paul Winter Consort, program TBA, 8:15 p.m., Tawes Theatre. Call x4241 for info.*

15 Piano Festival Concert: Menahem Pressler, pianist, program TBA, 8:30 p.m., Tawes Theatre. Call x4241 for info.*

16 Piano Festival Concert: John Browning, pianist, program TBA, 8:30 p.m., Tawes Theatre. Call x4241 for info.*

17 Piano Festival Concert: Anton Kuerti, pianist, program TBA, 8:30 p.m., Tawes Theatre. Call x4241 for info.*

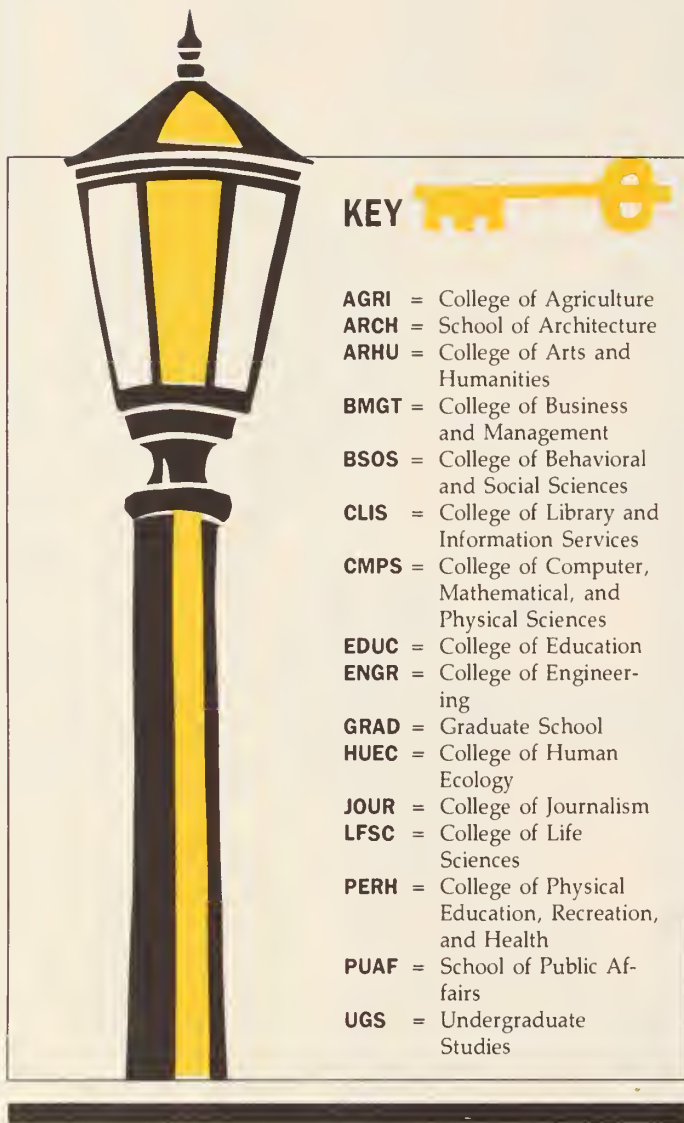
18 Piano Festival Concert: The Kalichstein, Laredo, Robinson Trio, program TBA, 8:30 p.m., Tawes Theatre. Call x4241 for info.*

20 Piano Festival Concert: Walter Klien, pianist, program TBA, 8:30 p.m., Tawes Theatre. Call x4241 for info.*



MSCIPA Season Offers Quality Performances at Affordable Prices

The 1990 Maryland Summer Institute for the Creative and Performing Arts (MSCIPA) season will include concerts by the National Orchestral Institutes, the University of Maryland Piano Festival and William Kapell Competition, and many other artists. Summer students, faculty and alumni who purchase a summer activity card are eligible for one complimentary ticket to each of these performances, with the exception of the piano competition finals at the Kennedy Center. Cards may be purchased at the Campus Recreation Services window located in the Reckord Armory Lobby for \$8. Call 454-4241 for more information or to receive a summer season brochure.



'42

Gerald J. Martin has been elected honorary president of the Association Internationale des Skat Clubs, an international organization of professionals in the field of world tourism. He resides in Cockeysville, Md.

'43

Daniel G. Rice, ARHU, has written *A Meandering Moose Mythology*, a collection of poems for children and sketches of moose activity. He resides in Rockville, Md.

'46

Harold D. Smith, AGRI, is the chief administrative officer of On Earth Peace Assembly Inc. He resides in New Windsor, Md.

'47

Edward M. Rider, ARHU, has been appointed as a member of the executive committee of the International Federation of Agricultural Journalists in Washington. He was director of agricultural relations for the American Trucking Association.

'48

John A. Edwards, AGRI, has been granted professor emeritus status at Graceland College in Lamoni, Iowa.

'49

Charles A. Lewis, AGRI, has been appointed Research Fellow in Horticulture at The Morton Arboretum in Lisle, Ill. He was the arboretum's Collections Group administrator and horticulturist.

'53

Jerry C. Tobin, BMGT, has been elected Northeastern regional director of the National Association of State Boards of Accountancy (NASBA) for 1989-90. He and his wife reside in New Jersey.

'56

William H. Hahn, BMGT, has been named manager of the production group for the Potomac Electric Power Co. He and his wife reside in College Park, Md.

'59

Mary Joan McCarthy, PERH, has been named vice president for educational fund raising at the Council for Advancement and Support of Education (CASE) in Washington.

Stanley R. Zupnik, ENGR, has received the 1989 College of Engineering Distinguished Alumnus award. He is president of Majestic Builders Corp. in Chevy Chase, Md.

'60

Bruce A. Brough, BMGT/JOUR, has been appointed director of corporate communications for the Centigram Corp. in San Jose, Calif. He was marketing communications manager for the integrated circuit business unit of N.V. Philips' Components Division in Holland.

'61

William E. Signor, M.D., LFSC, is director of outpatient surgical services at St. Agnes Hospital in Baltimore.

Donald L. Whipp, JOUR, has been promoted to director of public information for Allegheny Power System in Greensburg, Pa. He was manager of public information for West Penn Power Co. at Greensburg.

'62

L. Douglas Ballard, ENGR, has been included in the 1989-1990 *Who's Who in the World*.

David Hammerman, ENGR, has been named head of the Department of Inspections, Licenses and Permits for Howard County, Maryland. He was director of the county's Building Codes Administration.

Dale McKenzie, Ph.D., LFSC, has been named Corporate Fellow by the First Brands Corp. for his accomplishments in research and development. He and his wife reside in Ridgefield, Conn.

Robert E. Menzer, Ph.D., GRAD, has been named director of the Gulf Breeze Environmental Research Laboratory in Gulf Breeze, Fla. He was a professor of entomology and the director of the graduate program in marine, estuarine, and environmental sciences at the University of Maryland.

'66

John Wiseman, Ph.D. '67, is one of five recipients of the McDonald's-Frostburg State University (Md.) Foundation 1989 Faculty Achievement Awards.

Betty Chemers, EDUC, has been appointed leasing associate at Kenilworth Equities Ltd., a New York- and Baltimore-based real estate development and management firm. She resides in Baltimore.

'63

John N. Lauer, ENGR, has been elected a director of the B.F. Goodrich company in Akron, Ohio. He is currently executive vice president.

'67

Lee B. Shields, JOUR, has received the Soil and Water Conservation Society's Outstanding Service Award for 1989. He is a consultant with the National Endowment for Soil and Water Conservation in Washington.

'64

Carole Mullins, ARHU/BSOS, is in the Montgomery County (Md.) Association of Realtors Million Dollar Club.

'68

John C. Badger, AGRI, has been named manager of petroleum operations of Tevis Oil Inc. in Westminster, Md. He was vice president and general manager of Greenwood Petroleum Co. in Waynesburg, Pa.

Robert W. Broomall has had his fifth novel, *Texas Kingdoms*, published by Fawcett Books. He resides in Baltimore.

'65

David E. Earle, BMGT, has been appointed director of the Baltimore district office of the U.S. and Foreign Commercial Service (US&FCS). He was a supervisory trade specialist with the service.

Michael Weiss: Breaking the ZIP Code

Just when you finally decided that the Postal Service's ZIP code is not a cruel test of your failing memory but a tool for expediting delivery of the mail, along comes Michael Weiss. According to Weiss, who earned a degree in English in 1973, your ZIP code not only tells where you live, but it also offers some pretty revealing clues as to how you live.

That's the subject of Weiss' new book, *The Clustering of America*. The book, he says, defies the concept of a Mr. John Average, Anytown, USA. "One of the great revelations to me about the whole cluster [different neighborhood types that comprise the United States] system is that it proves that the idea of America as a melting pot is a myth," he says. "We're not all homogeneous, we don't all melt into one kind of people, we don't all grow up and end up in shopping malls at age 20."

Give the Washington-based freelance journalist your ZIP code and, with the help of his computer, Weiss will be able to tell you some surprisingly accurate facts about your life style and that of your neighbors. It is possible, he says, that you may have more in common with strangers living 3,000 miles away than you do with people on the next block.

'70

Richard C. Steinberg, BMGT, has been appointed director of corporate research for Turner Broadcasting System Inc. in Atlanta.

Anne Stevens, EDUC, M.A., is advertising manager of Bio-Rad Laboratories Chemical Division in California.

'71

Robert Clapp, GRAD, has been promoted to vice president and loan servicing manager of the retail banking division for American Security Bank. He was assistant vice president.

Charles W. Grler, BMGT, has been appointed branch manager of the Silver Spring, Md., office of Paine Webber. He was a marketing vice president.

Paul Jacobson has been named vice president of the trial division in the general counsel's office of Nationwide Insurance in Columbus, Ohio.

Jerome A. Paulson, LFSC, has been appointed the first executive director of Research!America in Alexandria, Va. He resides in Washington.

Patrick E. Sheplee, BMGT, has been elected to the governing council of the American Institute of Certified Public Accountants (AICPA). He is the chief financial officer of Printing Images Inc. in Rockville, Md.

Judith Sunley, GRAD, has been honored by President Bush as a recipient of the 1989 Meritorious Presidential Rank Award for exceptional performance in government. She is director of the Division of Mathematical Sciences at the National Science Foundation in Washington.

John W. Molino has been promoted to practice manager of special plans at Herget/C&B Consulting Group, an actuarial, benefits and compensation consulting firm in Baltimore. He was manager of retirement plans administration.

Joel D. West, Ph.D., has been appointed senior vice president of programs at American College Testing in Iowa City, Iowa. He was a special assistant in the Office of Post Secondary Education, U.S. Department of Education in Washington.

'69

Thomas H. Bell Jr. has been named a vice president of the Defense Systems Division at Atlantic Research Corp. in Alexandria, Va.

Sally J. Cardona, BSOS, has received the Insurance Institute of America's annual award for Academic Excellence in the Associate in Claims (AIC) program. She is a senior claims representative for State Farm Mutual Automobile Insurance Co., Alexandria, Va.

Joan M. Eisenberg, HUEC, has been chosen as chairman-elect of the Council of Certified Home Economists of the American Home Economics Association. She is president of JME Consulting in Baltimore.

Pete Foley, PERH, M.A., has been named Zone 1 coach of the year by the National Interscholastic Swimming Coaches Association. He resides in Framingham, Mass., with his wife and two children.

U. Carl Toensmeyer, Ph.D., has received the faculty award for excellence in undergraduate academic advising from the University of Delaware. He resides in Bear, Del.

J. Thomas Wolfe, ENGR, has joined the Institute of Scrap Recycling Industries Inc. as counsel/manager of government relations.

'72

William K. Elderbaum, PERH, is security director for the U.S. Agency for International Development in San Salvador, El Salvador.

Jill Gross has been appointed regional director of sales for Loews Hotels in Washington. She was director of sales at Loews L'Enfant Plaza Hotel in Washington.

William D. Morice, ENGR, has been awarded the title of master business counselor by General Business Services Inc. He is a C.P.A. residing in Silver Spring, Md.

Jan P. Muczyk, BMGT, Ph.D., has been appointed senior vice president for resource planning and campus operations at Cleveland State University. He resides in University Heights, Ohio.

Robert A. Skylar, BSOS, M.A., is a senior economist with Micronomics Inc. He resides in Los Angeles.

Wallace E. Tyner, GRAD, Ph.D. '77, has been appointed head of the Department of Agricultural Economics at Purdue University. He and his wife reside in West Lafayette, Ind., with their two children.

Charlie Marks: Fastest Man on the Water

Charlie Marks owns and drives one of the fastest boats afloat.

A 1969 graduate of the College of Business and Management who holds degrees in business administration and marketing, Marks races a twin-hulled, 48-foot aluminum catamaran driven by four 975-horsepower engines that can push the boat to speeds approaching 150 mph. He has been so successful at winning what are known as blast-and-run regattas that other superboat pilots now call them "Chasing-Charlie-Around" races. Last November, he won one of these ocean races off Key West, Fla.

When not engaged in what may be one of the most dangerous sports in the world, Marks serves as president of Automated Datatron Inc., a data processing company in Beltsville that has contracts nationwide. He founded the company on a shoestring 20 years ago. Today it has a staff of 400.

Although prize money for these high speed races is usually under \$5,000 for the high point winner—just about enough to pay for the hour's worth of aviation fuel burned—Marks doesn't seem to mind. "I just like the thrill of going fast," he says.

Robert Wharen, ARHU, has been appointed vice president of sales operations at Rolls-Royce Motor Cars Inc. in Lyndhurst, N.J.

'73

Edward Huber, ENGR, has been promoted to manager-production maintenance for Potomac Electric Power Co. He and his wife reside in Waldorf, Md.

Pat Wheeler, JOUR, has received the Outstanding Woman in D.C. Government award. She is director of communications for the D.C. Department of Corrections in Washington.

'74

William Graves, Ph.D., ARHU, has joined the Humanities Department at Bryant College in Smithfield, R.I. He is an assistant professor teaching Chinese.

Michael Kenny, BMGT, has been selected one of the best investor relations professionals in the country by *Investor* magazine. He is an investor relations officer at Phillip Morris Companies in New York City.

Dennis McGee, ARHU, has been named manager of public information for the Maryland Office of Planning in Baltimore. He was deputy director of public information with the Maryland Department of Housing and Community Development.

Debbie Rosen McKerrow, EDUC, has been named coordinator of Public Information Services at Essex Community College in Essex, Md. She was a public relations associate at Franklin Square Hospital Center.

Richard E. McLawhorn, BSOS, has been named commissioner of the South Carolina Department of Youth Services. He resides in Lake City, S.C., with his wife and five children.

Carl Nathe, ARHU, has joined the University of Kentucky office of public relations as director of television and radio news. He was a sports reporter/anchor for Lexington, Ky., NBC affiliate WLEX-TV.

Frederick L. Toner, ARHU, has joined the faculty of Texas Christian University as assistant professor of modern languages.

'75

Marc Burchman, BMGT, is president of Marc Burchman and Associates, a corporate and estate planning/risk management firm in Washington.

David C. Curtis, ENGR, has been promoted to president and chief operating officer at Sierra-Misco Inc. in Sacramento, Calif. He resides in Folsom, Calif., with his wife and twin sons.

Maurice E. Dill, BSOS, has been named to the 1990-91 edition of *Who's Who in American Law*. He is an attorney for the U.S. Army Corps of Engineers and resides in Baltimore.

Alan R. T. Doerr, ENGR, is a financial consultant with Merrill Lynch in Boynton Beach, Fla.

'76

Mary Ellen Einhorn, BMGT, has joined the staff of Donald Myers as senior accountant. She resides in Olney, Md.

Charles W. Finn, Jr., LFSC, has been named director of regulatory affairs for Praxis Biologics Inc. He and his family reside in Fairport, N.Y.

Lt. Cmdr. Richard M. Gilbert, M.D., LFSC, recently reported for duty at the Naval Environmental Health Center in Norfolk, Va.

C. Paul Gunzelman, ENGR, has been named principal engineer in charge of the mechanical/civil engineering unit for Baltimore Gas & Electric's Fossil Energy Division.

Marion Koprowski, BMGT, has been promoted to vice president, sales, for the Revlon department store division. He was field sales manager of the southeast region for The Nines at the Fashion and Designer Group of Revlon.

Lt. Craig D. Leshner, PERH, recently received the Navy Achievement Medal for superior performance of duty. He is stationed at Naval Air Station Miramar, San Diego.

Debra Wert, EDUC, has written *Mac's Choice*, a children's book about drugs. She resides in Warrenton, Va.

'77

Karen Basinger, HUEC, has been elected as a member of the 1989-1990 Professional Advisory Board of the National Kidney Foundation of the National Capital Area. She resides in Silver Spring, Md.

Capt. Timothy J. Kolb, UGS, has completed the amphibious warfare extension course at the Marine Corps Amphibious Warfare School in Quantico, Va.

Ginny Fixell Penzell, PERH, has been named director of health, safety and risk management for the Fugro-McClelland group of companies. She and her husband reside in Houston with their three children.

'78

Navy Cmdr. Earl E. Dove was recently deployed on a six-month world cruise through the Western Pacific and Atlantic oceans aboard the aircraft carrier USS Enterprise.

Lt. James M. Jochum, M.D., LFSC, has been awarded the Navy Commendation Medal for meritorious service. He is currently serving at the National Naval Medical Center in Bethesda, Md.

Susan Souder, ARHU, has become a partner in the law firm of Gordon, Feinblatt, Rothman, Hoffberger & Hollander. She is in the firm's litigation department in Baltimore.

Alan Stone, CMPS, has been promoted to the rank of associate professor in the G.W.C. Whiting School of Engineering at the Johns Hopkins University in Baltimore.

'79

Gail H. Ewing, BSOS, has been appointed to the Maryland State Advisory Council for Handicapped Individuals. She is public policy coordinator for the Greater Washington and Baltimore/Central Maryland chapters of the Alzheimer's Association, located in Bethesda, Md.

Michael Walsh: A New Breed of Broker

Virtually all the nation's stockbrokers are paid commissions for each trade they make; their incomes are based on sales volume.

But Michael J. Walsh, Prudential-Bache portfolio manager, is not among them. Walsh, a member of the College of Business and Management Class of 1978 and the president of the college's alumni chapter, is one of a new breed of money managers. He is paid a flat fee to handle clients' stock portfolios at his discretion.

"I don't survive by finding hot-looking stocks and peddling them over the phone to potential buyers," he says. Walsh, located in Annapolis, is one of only 38 Prudential employees nationwide selected for the position of portfolio manager from a field of about 6,000. It is a new concept, Walsh says, employing highly trained professionals who use institutional money-management techniques and apply them to individ-



PHOTO JOHN T. CONSOLI

ual and retirement accounts ranging from \$250,000 to \$10 million.

Walsh says he rarely consults his clients regarding a specific stock. "The majority of people interested in retaining a portfolio manager are those who are very accustomed to delegating authority. They don't want to be bothered every time I decide to make a buy or sell decision. They just want to realize a healthy annual return," he says. "As long as I'm making them money they're happy. And if I make them more than the Standard & Poor's index, they're ecstatic."

'80

Jules Farkas has joined the law firm of Davis, Reberkenny & Abramowitz in Cherry Hill, N.J. He specializes in commercial litigation and personal injury law.

Donald R. Fry has been promoted to major in the U.S. Army. He is an assistant professor of military science at Purdue University in West Lafayette, Ind.

James S. Pula, Ph.D., EDUC, M.A., is assistant academic dean and associate professor of history at Keuka College in Keuka Park, N.Y.

Arthur H. Ross, EDUC, is working as a master sergeant in the U.S. Army in a management position.

J. Ronald Schiff, BSOS, has become a partner in the law firm of Gordon, Feinblatt, Rothman, Hoffberger & Hollander. He practices taxation and commercial law in the firm's Baltimore office.

Capt. Stephen D. Hawkins, ARHU, recently reported for duty at the Marine Corps Air Station at Yuma, Ariz.

Richard C. McClain, BMGT, has been admitted to the partnership of KPMG Peat Marwick's Washington office. He resides in Midlothian, Va., with his wife and two daughters.

John C. Wang, CMPS, has been elected a Fellow of the Institute of Electrical and Electronics Engineers (IEEE). He is a research engineer in the Office of Engineering and Technology, Federal Communications Commission in Washington.

'81

Joseph P. Barker, CMPS, has been named vice president of manufacturing for Ryland Building Systems in Columbia, Md.

Stephen D. Demboski, Navy Senior Chief Petty Officer, recently returned from a four-month deployment to the Mediterranean while serving aboard the aircraft carrier USS Coral Sea, whose home port is Norfolk, Va.

Seth D. Greenstein, ARHU, has become a partner in the law firm of McDermott, Will & Emery. He is a tax attorney in the firm's Washington office.

Laurie Priest, PERH, M.A., has been appointed athletic director at Mount Holyoke College in South Hadley, Mass. She was director of athletics and assistant professor of physical education at Marymount University in Arlington, Va.

Gail P. Roth, JOUR, has been elected to the Board of Governors of the Pennsylvania Trial Lawyers Association. She is an attorney in the litigation department of Blank, Rome, Comisky & McCauley in Philadelphia.

Gustave P. Russo, Navy Petty Officer, recently reported for duty with the Naval Broadcasting Service Detachment, Diego Garcia.

'82

Doren E. Christensen, Ph.D., GRAD, has been named dean of the School of Education and Professional Studies at Salisbury State University. He and his wife reside in Nevins Mill, Md.

Leo J. DeLeon, BMGT, has been promoted to senior manager in the audit department of Peat Marwick Main & Co.

Susan L. Hack, BMGT, has been appointed director of human resources for the National School Boards Association in Alexandria, Va. She was director of compensation for INOVA Health Systems.

Kevin C. Lefcoe, BSOS, has been promoted to assistant vice president and associate broker with the commercial sales division of Goodman Segar Hogan Inc. in Norfolk, Va.

Lt. Paul A. Miller recently reported for duty with the 1st Marine Division, Camp Pendleton, Calif.

Dolores Pesce, GRAD, has been elected to the Council of the American Musicological Society, a national association of researchers of music history. She is associate professor of musicology at Washington University in St. Louis.

Cembrye A. Ross, BSOS, was the anniversary speaker at Bethel AME Church in Cambridge, Md. She is an attorney with the New York City Law Department, Office of Corporation Counsel.

LeRoy E. Schwaderer Jr., EDUC, member of Iota Lambda Sigma, is president of Tradesmen Contractors Inc.

Albert W. Shay, BSOS, has joined the law firm of McDermott, Will & Emery as an associate. He is a health-law attorney in the firm's Washington office.

Amy Robinson Van Velzor, JOUR, is partner/president of Advanced Database Systems Inc. in Atlanta. She resides in Cummings, Ga.

David M. Welsh has been elected vice president and actuary, retail annuities and pensions, by the board of directors of John Hancock Mutual Life Insurance Co. in Boston.

Bruce White has been recognized as one of three Presidential Research Professors at Northern Illinois University. He is a sculptor.

'83

Judith E. Cucco, BMGT, M.B.A., is director of market development for AT&T in Caracas, Venezuela.

Teresa M. Flannery, ARHU, M.Ed. '87, has been promoted to assistant director for marketing and research in the Office of Undergraduate Admissions at the University of Maryland at College Park.

Marine Capt. Kevin L. Foley recently reported for duty with the 2nd Force Service Support Group in Camp Lejeune, N.C.

Patricia J. McGuire, JOUR, has been appointed historic preservation specialist for the Calvert County (Md.) Department of Economic Development. She was archaeological interpreter at the Jefferson Patterson Park and Museum.

Frank Nitkiewicz, BMGT, has been promoted to investment officer in Connecticut National Bank's Investment & Funds Management division. He and his wife reside in Middletown, Conn.

'84

Frank Jones, JOUR, has opened Dollar Discount Store in Brooklyn Park, Md. He resides in Upper Marlboro, Md.

W. Wickliffe Kelley, BSOS, works in real estate investment. He and his wife reside in Peterborough, N.H., with their three children.

Elizabeth A. Lepson, UGS, is president and owner of Career Network, a professional search firm in Herndon, Va.

David T. Lin, Ph.D., LFSC, has joined the G.E. Research and Development Center as an organic chemist. He resides in Clifton Park, N.Y.

Patricia Poussevin, AGRI, is an associate project scientist at Environmental Resources Management Inc. in Annapolis, Md.

Navy Lt. John F. Price, BMGT, recently participated in Exercise Dragon Hammer '89, a major NATO exercise, while serving aboard the aircraft carrier USS Theodore Roosevelt, whose home port is Norfolk, Va.

Ensign Miguel G. Rivera recently reported for duty at the Naval Air Station at Fallon, Nev.

Diane Scott, LFSC, is associate editor in the manuscript office of the American Chemical Society.

Stephen M. Zagami, EDUC, M.Ed., has been promoted to assistant principal of Longfellow Elementary School in Columbia, Md. He resides in Washington.

'85

Steve Sullivan, ENGR, has been named construction engineer at McCrone Inc. in Annapolis, Md. He resides in Crofton, Md.

'86

Marine 1st Lt. William P. Delaney, BSOS, has been designated a Naval Aviator and was presented with the "Wings of Gold."

Alumna Named to FTC

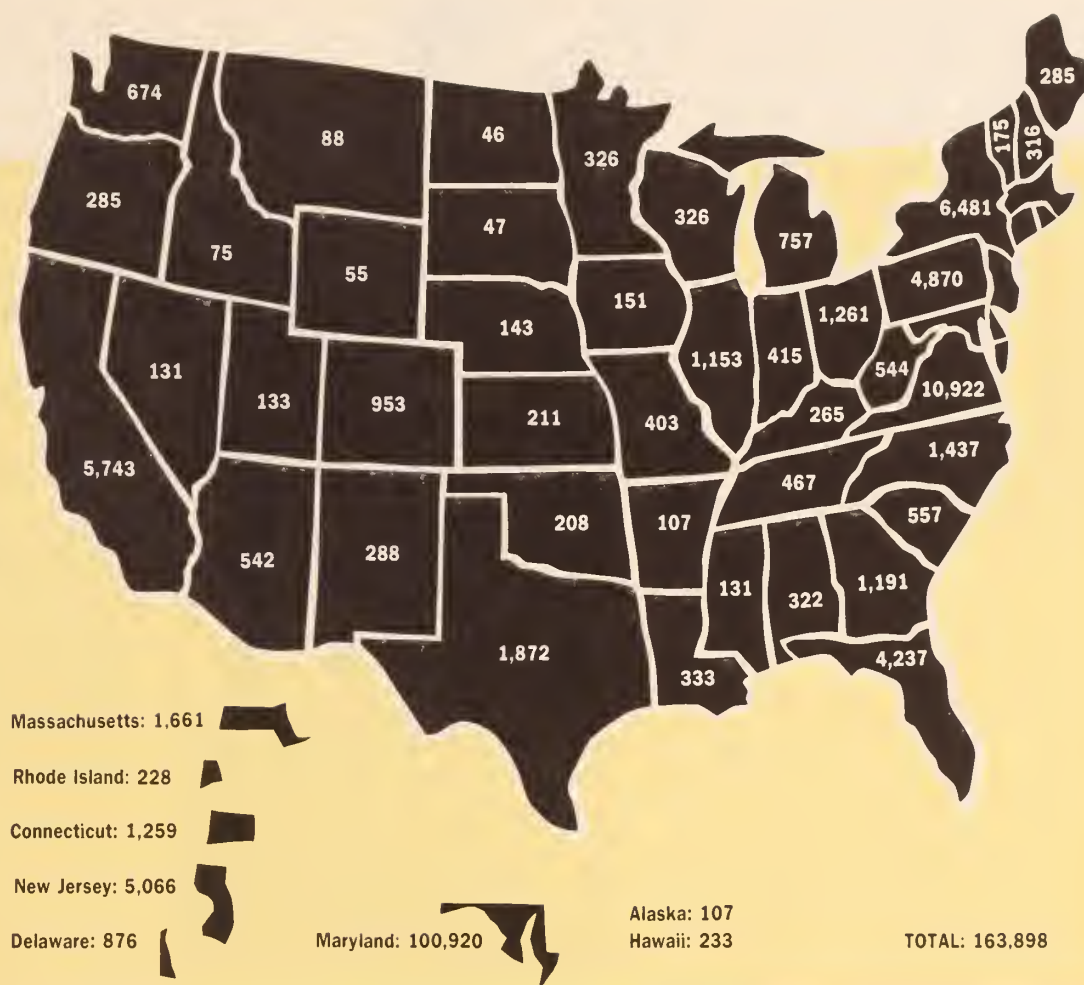
Deborah Kaye Owen fits into many categories and into none. Owen, a native of Prince George's County who was nominated last May by President Bush and was sworn in last fall as a member of the Federal Trade Commission, doesn't like to be labeled. "Oh sure, I'm a Republican," says Owen. "But I don't like labels. People try to categorize you."

Owen graduated in 1972 with high honors in government and politics. She was a Marshall Scholar in Political Philosophy in Scotland for the next two years. After earning her law degree at Harvard University, she went to work with the Baltimore-based law firm of Piper & Marbury.

Later she accepted the position of minority counsel for the House Judiciary Committee. From 1983 to 1985, she was an associate counsel to Chairman Strom Thurmond, then chairman of the Senate Judiciary Committee. Three years later she went to the McNair Law Firm, where eventually she became managing partner.

She believes that mergers will be a key issue before the FTC. "There's some real concern by the public about the size of corporate mergers—not that we want to go back to the days when big was considered necessarily bad. There is a public perception that anything goes," she says.

Where Our Alumni Are



Navy Lt. j.g. Anthony F. Istvan, ENGR, has been designated a Naval Aviator and has received the "Wings of Gold."

Stephen Joseph, UGS, has joined the staff at Dean Junior College in Franklin, Mass., as a counselor and alcohol and drug educator.

Marine 2nd Lt. Eric C. Stocky, PERH, recently completed the U.S. Army Airborne course and has been authorized to wear the basic parachutist insignia.

Navy Lt. j.g. Scott G. Wolfe, ENGR, recently reported for duty with Helicopter Anti-Submarine Squadron Light-44, Naval Air Station, Mayport, Fla.

'87

Tina Marie Casamento, ARHU, will be making her Kennedy Center debut in the Washington Opera's production of *Die Fledermaus*.

Maria Chiaravalle, JOUR, is a syndicated sales assistant for Columbia Pictures Television in New York City.

Andrea Lynn Coles, JOUR, has been appointed to serve a two-year term on the Equal Employment Opportunity/Affirmative Action Committee for the Department of General Services in Richmond, Va.

H. Scott Curtis, ARHU/BSOS, is a judicial clerk for Judge Alan Wilner of the Maryland Court of Special Appeals.

Air Force 1st Lt. Arthur (Ed) Dunn, ENGR, is a program manager on tactical reconnaissance programs at Wright-Patterson AFB in Dayton, Ohio.

Nina-Jo Moore, Ph.D., GRAD, is assistant professor and director of debate/forensics at Appalachian State University in Boone, N.C.

Eric Stewart, ARHU, is selling real estate in Montgomery County, Md., for Llewellyn Realtors. He is also active in the drama ministry at Covenant Life Church.

Keith B. Yoger, CMPS, is a software engineer/consultant on the development team for the FTS 2000 Project.

'88

Barkev G. Kibarian, BSOS, is a trouble-shooter for the Culinary School of Washington.

Gary E. Troemner, Navy Senior Chief Petty Officer, recently reported for duty aboard the aircraft carrier USS Midway, whose home port is Yokosuka, Japan.

'89

Troy M. Collins, ARHU, has joined Spectacor Management Group Productions as productions manager. He resides in Cherry Hill, N.J.

Gregory A. Vapondich, BSOS, is a professional cartographer with the U.S. Bureau of the Census in Washington.

continued from page 6a

Focus on the Chesapeake: Weekend Tour and Study of the Bay With Faculty from the University of Maryland System

August 27—28

Depart Shady Side on the West River (south of Annapolis) aboard the *Half Shell* (a 1928 fishing and oyster "buy" boat), for Horn Point on the Choptank River near Cambridge. Spend the afternoon learning about the research being conducted at the Center for Environmental and Estuarine Studies (CEES). Continue on to Tilghman Island for dinner and overnight at Harrison's Chesapeake House. After dinner, the executive director of the UM Center of Marine Biotechnology will give a slide presentation on current research, and a few local watermen will be available for an exchange of views. The next morning, cruise down the Bay to Solomons and a visit to the Chesapeake Biological Lab and the Calvert Maritime Museum. Following dinner on your own in Solomons, motorcoach back to Shady Side. \$225 per person includes four meals, lodging and chartered bus.

Travel Agency: Ocean World Institute, Inc.



Canada and New England Cruise

September/October (10 days)

Savor the splendor of autumn from the deck of the *Sky Princess* as you cruise from New York to Montreal! Your nine-day cruise stops at the following historic ports: Newport, Bar Harbor, Halifax and Sydney in Nova Scotia, Charlottetown, P.E.I., Bonaventure Island, Quebec and Montreal. Priced from approximately \$1,995, including air and all meals aboard ship. Early booking discounts available.

Travel Agency: Vantage Travel

East African Safari

October 27—November 11

Experience the endless beauty of Africa and thrill at viewing "big game" in their natural habitat! Join fellow alumni on a 16-day safari. Fly from your gateway city via JFK to Nairobi and spend two nights at the Hilton Hotel. Spend 10 days on safari visiting Amboseli National Park, Mountain Lodge Tree Hotel, Samburu Game Reserve, Mount Kenya Safari Club, Lake Nakuru, Masai-Mara Game Reserve. Return to Nairobi and overnight before departing on an evening flight to Europe with connecting flight home. Priced at \$4,195 from JFK including day room accommodations in Europe between flights, hotel accommodations and American breakfast in Nairobi, accommodations and three meals per day while on safari, welcome party and farewell dinner.

Travel Agency: Thomas P. Gohagan & Co. CP

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Full Name _____ Class _____
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ANNUAL MEMBERSHIP CATEGORIES

Check membership desired

ALUMNI

- ☐ Individual \$25
☐ Joint (husband and wife) \$35

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- ☐ Individual \$35
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First year following graduation

- ☐ Individual FREE

Send to: University of Maryland, College Park Alumni Association, Rossborough Inn, College Park, MD 20742

HONOR ROLL

T



he University of Maryland at College Park moves into the 1990s with a broad base of private support. Once again, alumni, parents and friends have expressed their loyalty and commitment to College Park through gifts to the University of Maryland. In fiscal year 1989, more than 17,500 individual donors contributed over \$13 million to the University of Maryland at College Park.

The coming decade promises to be fulfilling and prosperous for the university. Our campus has been chosen as the site to house National Archives II, a 750,000-square-foot research facility that will attract the nation's top scholars. The Francis Scott Key and Benjamin Banneker programs of full scholarships are attracting exceptionally talented students. The expansion of the undergraduate curriculum, combined with an increased emphasis on teaching, are just a few of the steps we have taken to consistently improve the quality of this institution. Through the continued support of alumni, parents and friends, the university will sustain its current momentum as we strive to meet the challenges of becoming a premier institution of higher learning.

We want to thank the donors listed below who made **unrestricted** contributions through the Annual Fund, or contributed to the Faculty/Staff Campaign for College Park between July 1, 1988, and June 30, 1989. Additionally, we extend our appreciation to the many thousands of donors who gave directly to many programs such as the Dillard Fund, The Campaign for Fire Protection Engineering, University Community Concerts and hundreds of other important funds which serve the special and diverse needs of the campus. Due to space limitations, gifts from corporations, alumni and friends to specific academic units are not listed below. They will be acknowledged in a future issue of the alumni magazine. We regret any inadvertent omissions or misspelling of names.

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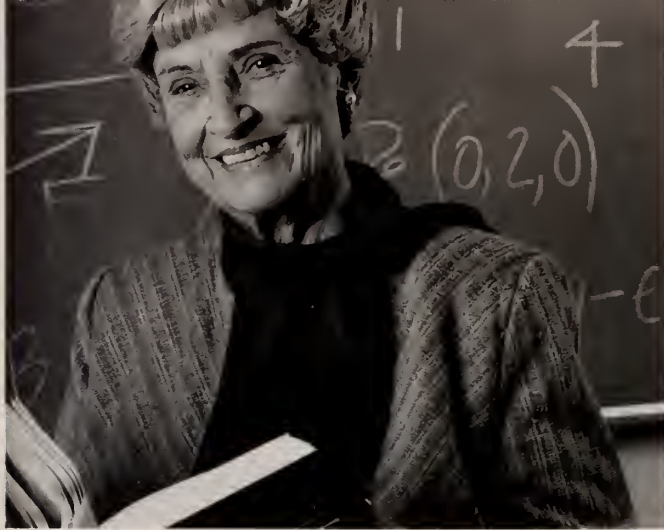
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Lucille Oosterhous enjoys taking creative writing workshops.

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younger students their life experiences, such as careers. The younger students can listen to what they have to say without being defensive because they're not in the parent role. They listen to what the older students have to say and learn from it. It can create the best of both worlds when it works."

Spiegel recalls her surprise the first time a young student, a man, asked if he could study with her. Later during her college career, scores of students would come to her home to study—and indulge in homemade refreshments, such as cookies.

Bill Rowland, a retired engineer, also feels that he has been accepted.

"It's been a very pleasant experience for me to be back on campus," says Rowland. "I got into the swing of things real fast."

Nancy Bruns recalls an incident where an older student asked his fellow students to write their impressions of his presence in the classroom.

"Many said that they thought it was a wonderful experience and that they wanted their grandparents to give it a try," says Bruns.

"I've never had a class that didn't accept me," says Lucille Oosterhous, a Golden ID member who enjoys taking poetry and creative writing workshops. "It's just such a privilege being with young people."

Oosterhous, a retired teacher, says that she encourages friends and acquaintances to try the college experience as well.

"Sitting on the couch watching soap operas all day is not the way to go," says Oosterhous. "I always say go for it. You lose nothing in trying,

and you can gain a lot of satisfaction in trying."

Yochum, who hopes to receive her degree in anthropology in the spring of 1991, feels that she has embarked on a very different experience. She's glad that she is giving it a try.

"Attending the university is a totally new world for me," says Yochum. "I almost can't believe it at times — that I could have an opportunity like this. This is the best thing that has ever happened to me."

Bickley, who came from Italy as a small child and struggled to learn English, misses the college experience when she isn't in class during the spring and fall semesters.

"I miss the campus, the people, the doings," she says. "I need this."

Bickley's three sons and only daughter all attended College Park. She waited patiently.

"Now it's granny's turn," she says, chuckling.

CP



Henrietta Spiegel graduated at the age of 85 as a member of Phi Beta Kappa and Mortar Board. Her grade point average was an impressive 3.7.

Editor's note: As of early this year the name of the College of Physical Education, Recreation and Health has been changed to College of Health and Human Performance.

The Center on Aging: From Economics to Physiology

The University of Maryland at College Park's Center on Aging in the College of Physical Education, Recreation and Health is dealing with a variety of issues concerning the elderly—from economics to physiology.

The Center on Aging consists of three divisions: Economics of Health and Aging, Interdisciplinary Education and Training, and Applied Physiology.

Current research in the Division of Economics of Health and Aging includes the Robert Wood Johnson Foundation Program for the Elderly and the Service Credit Banking Program for the Elderly.

The Robert Wood Johnson Foundation Program, a two-year national initiative totaling up to \$3.2 million, is designed to help states develop strong public/private partnerships to plan effective long-term care insurance models that combine public and private financing.

Among the key issues being addressed by the eight foundation-sponsored projects are long-term care insurance costs and premiums, the elderly's inability to meet Medicaid eligibility requirements, financing and its impact on state budgets, and the equity and affordability of care.

The Service Credit Banking Program for the Elderly, another Robert Wood Johnson Foundation initiative, encourages able elderly people to provide support services to frail, homebound elderly people—and allows them to "bank" volunteer credits for the hours they serve against their own future need for assistance. The supports provided range from housekeeping and home repair to meal preparation and shopping.

In the Division of Interdisciplinary Education and Training, research includes translating and disseminating the most current research on drugs and aging, educating practicing pharmacists and health professionals serving rural elders.

Hypertension is evident in as much as 50 percent of the American population over the age of 60. Exercise training appears to lower blood pressure in older hypertensives to the same degree as in young and middle-aged hypertensives. The Division of Applied Physiology is continuing to study the mechanism by which exercise training lowers blood pressure in older and younger populations. The division is also studying the implications of its recent finding that a low-intensity walking program reduces blood pressure as much or more than higher intensity training in older individuals.



Restoring Maryland's Ancestral Home

IN ENGLAND, STUDENTS ARE WORKING ON HISTORIC KIPLIN HALL



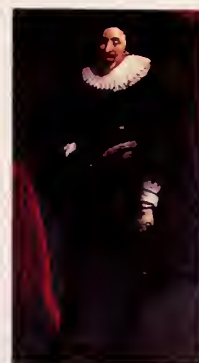
When Maryland's cradle began to crumble, the University of Maryland at College Park marshalled its forces.

David Fogle, associate professor of architecture, collected the resources for a campaign to restore the historical treasure to its former glory. Architecture students Bill Stevens, Juli Jorgensen, Jim Shelter, Alan Monder and Sumayya Jones-Humienny—among many others—volunteered their youthful enthusiasm and strong backs. Alumni Sarah and Dick Bourne took sabbaticals

from their careers as teacher and attorney to lend their experience and good cooking.

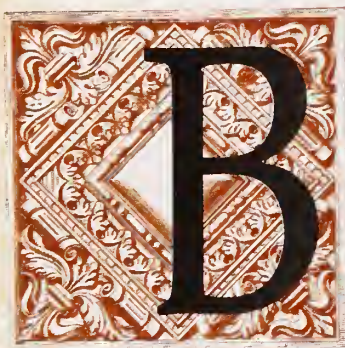
During the last three summers, all have traveled (some more than once) to a rural estate in North Yorkshire, England, to help preserve a timeworn, 350-year-old building known as Kiplin Hall. Kiplin Hall was the home of George Calvert, the first Lord Baltimore and founder of Maryland, and in that house, more than three centuries ago, the idea for a place called Maryland was born.

"Maryland has something that no other state in the union can claim," says Leonard Crewe, past president of the Maryland Historical Society and Kiplin Hall's American trustee. "Marylanders have a direct link to the place where the people who settled the state came from. Kiplin Hall was the home of the people who financed the voyages of the Ark and Dove [the ships that brought the original settlers to Maryland]. The first settlers in Maryland came from the area around Kiplin Hall."



Portrait of George Calvert, first Lord Baltimore

B Y B R I A N B U S E K



beyond its imprint on the early history of the state of Maryland, the Calvert family also figured prominently in the history of the university. A later Calvert, Charles Benedict, was the leader of a group of planters, who, in 1856, secured a charter for the creation of the Mary-

land Agricultural College, the institution that would evolve into UMCP.

Since 1971, following the death of Kiplin's last owner, Bridget Talbot, the Calverts' ancestral house has been under the control of an England-based charitable trust created to preserve it as an historic landmark.

Unfortunately, Talbot did not preserve the building too well in her lifetime. The trustees restored several of Kiplin's rooms in the early 1970s and opened that part of the house as a tourist attraction. But in other sections of the three-story house, dry rot, crumbling walls and makeshift apartments are continuing signs of past neglect.

"It's still standing," says Stevens, a master's candidate in architecture who worked at Kiplin in the summer of 1989. "But there's a tremendous amount of work to be done. The last owner of the house thought it would take care of itself—of course that didn't happen."

In 1987, the trustees looked overseas, to College Park, for aid in their efforts to save Kiplin. Crewe provided the university with a \$10,000 grant for 12 students to work five weeks under Fogle's direction on restoration of the building. In two subsequent summers, College Park faculty and students received support from the American Friends of Kiplin Hall, a group that Crewe heads.

In addition to an interest in preserving a part of Maryland history, the College Park team brought experience in historical restoration to the project. For nearly a decade, Fogle and his students have done restoration work on the Chalfonte Hotel, a Victorian hotel in Cape May, N.J., a town that is registered as a national historic landmark.

With more than \$3 million of work needed to restore the house and grounds, the efforts of the Maryland team have been much appreciated, Crewe says. Fogle and the students have produced elevations and measured drawings of all three floors of the building, surveyed the gardens, repaired a stone wall, painted and plastered under eaves and renovated a model of the Dove.

Beyond edifying manual labor, the Kiplin program offers students an opportunity for scholarly pursuits. As part of their summer work, students are required to complete a research project related to the house. Using mostly Kiplin-based resources such as old paintings, blueprints, local archives and oral history, students work to reconstruct the history of the house and the people who lived there through the centuries.

For one project, Monder, who received his B.S. in architecture in spring 1989 and worked at Kiplin that summer, used scrapbooks and interviewed area residents to construct a biography of the eccentric Miss Talbot. Among his discoveries, Monder found that Talbot had a particular affection for British merchant seamen. To improve the lot of her favorite sailors, Talbot invented a lantern attachment for life jackets that made fallen seamen visible to nighttime rescue crews. Her invention became standard issue for British naval ships.

While Kiplin is the center of the program, the surrounding countryside provides educational opportunities as well. In the villages and estates surrounding Kiplin, students explore elements of architectural history and British culture. Nearby structures represent virtually all periods of British history. Landmarks include Hadrian's Wall, built during Roman times, medieval castles, historic country estates, and centuries-old villages. Frequent visits to the pubs and villages within biking distance of Kiplin introduce the students to area culture.

The variety of sites of historical and cultural significance in the Kiplin area has sparked interest within other academic departments at Col-





lege Park. During the 1989 program, two history students joined Fogle's architecture students. Under a proposal being considered by the university's Office of Academic Affairs, the university would lease a planned educational center at Kiplin for summer programs involving students from such fields as architecture, art history, history and English.

Veterans of Kiplin tours speak enthusiastically about their experience.

"I love attics and basements, and Kiplin Hall is the biggest attic and basement I've ever come across," says Shetler, a master's candidate in architecture and a participant in 1987 and 1988 programs at Kiplin. "The house is just full of stuff. When we first arrived there, we just poked around. Every time you opened a door, there was all this stuff—paintings, furniture, shields, swords."

Because much of the house still needs rehabilitation, the students bunk in dormitory-style rooms in converted stables on Kiplin's grounds. Stevens, however, found quarters in an apartment that had been cut into Kiplin's bell tower.

"There really were bats in the belfry, but staying in a part of the house itself was a special experience," Stevens says.

Outside Kiplin's grounds, students find the surrounding area and local culture among the highlights of the trip.

"Everywhere you turn, there's another pretty picture," says Jones-Humienny, a master's candidate in architecture who worked at Kiplin in 1989. "Being there for five weeks, you become

part of a different culture."

Many introductions to local culture occur in the Wishing Well, a nearby pub where the students quickly develop a first-name rapport with the regulars and join in dart tournaments and trivia contests. On more formal occasions, the students are dinner guests at country estates where the squires regale them with historical anecdotes.

The College Park group returns such hospitality with an annual Fourth of July picnic. In 1989, more than 100 locals—ranging from lords to butchers—shared in an Independence Day celebration abundant in hot dogs and fireworks.

"We found a local rock band to play at the party. The pub owner set up a bar. We played Frisbee and croquet. It was a great day," says Juli Jorgensen, a master's candidate in architecture who worked at Kiplin in 1989.

The students' only complaint is that they didn't do more for Kiplin. During the program's first year, the students spent much of their visit doing hands-on work. In 1988, a new British architect took over as the project's supervisor and was reluctant to allow extensive restoration until the master plan for the work was finished. Consequently, the opportunities for hands-on work by the students the last two summers were limited.

"The master plan will specify our role in the program," says Fogle. "It will detail an ongoing series of projects for our students. We won't be going over this summer [the summer of 1990]. Instead we'll review the master plan, in order to plan our future trips."

While the students' enthusiasm for Kiplin is almost boundless, it is no more heartfelt than that of the most senior Kiplin veterans—Sarah and Dick Bourne.

The Prince George's County couple completed their undergraduate educations more than a quarter century ago—both received their B.A. degrees from College Park in 1957. And neither has any formal training in architecture: Sarah, a special education teacher, received her B.A. in home economics and also has a M.A. in special education from College Park; Dick, an attorney, received his B.A. in political science.

They became restorationists when Sarah Bourne's tongue-in-cheek question in response to Fogle's lecture on Kiplin at a meeting of the Prince George's County Historical Society led the couple into a two-summer labor of love at Kiplin.

"When David finished his lecture, I asked, 'How can I go along next year?' David didn't miss a beat. He said, 'I'd love to have a couple like you come along,'" Sarah Bourne says.

The Bournes were welcome indeed—but with strings attached. In its first year, the program almost overwhelmed Fogle. In addition to supervising work on the house and conducting lectures and tours, Fogle, alone, carried out such handyman's chores as driving a van, coordinating catered meals and waking his young charges in the morning. With fewer funds available for the second year, cooking and food shopping were added jobs on the duty roster.

Signing up for the 1988 program as Fogle's assistants, Sarah Bourne became Kiplin cook and Dick Bourne the van driver. Sarah Bourne missed a week of school to join the early summer tour and Dick put his law practice on hold for five weeks. In addition to taking time off and indenturing themselves into a working vacation, the Bournes paid their own way.

And the Bournes enjoyed it so much that they returned, under the same conditions, in 1989.

"And we'll probably do it again," says Dick Bourne. "It's a great place to explore not only architecture but history, literature and music as well. We're going to work with David [Fogle] as much as we can to keep the program going. It's a learning experience that will stay with students for a lifetime."

CP



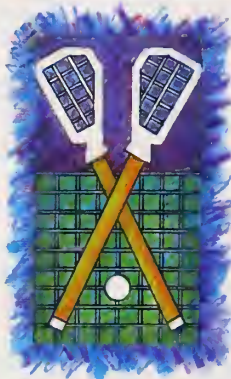
PHOTOS BY D. FOGLE

A WILL TO WIN

THERE'S A LONG-RUNNING TERRAPIN SUCCESS STORY.

IT'S LACROSSE.

Maryland's football championship in the women's basketball pro-nig seasons in the Atlan-a long list of All American est Terrapin winning tramen's and women's spring sport that can consistent and successful



team won a national 1950s. The men's and grams can point to win-tic Coast Conference and players. But the grand-dition of all—for both teams—may belong to a boast, arguably, the most teams in university history.

Since the spring of 1924, when Dr. R.V. Truitt led the first men's varsity lacrosse team to a 5-2 record, the sport has caught on as *the* pastime in the spring. After producing numbers that legends are made of—only one losing season since 1924, 12 national championships, 22 Atlantic Coast Conference championships and 15 appearances in the NCAA Tournament since it began in 1971—it's not too hard to figure out how the team gained such a following.

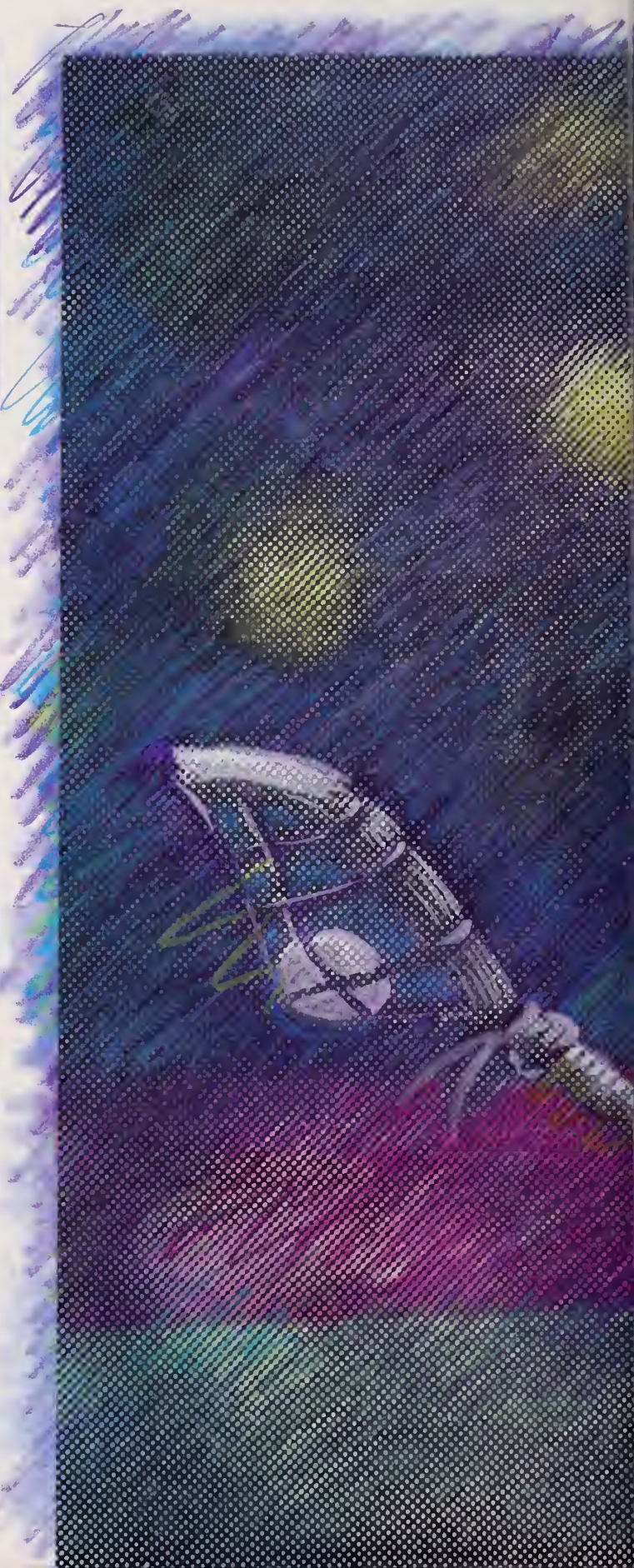
"It seems as though when you're successful, that success sort of perpetuates itself from year to year," says Dick Edell, who is in his seventh year as men's head coach. "We are a very popular entity in the spring. It's a different atmosphere."

The atmosphere carries over from Byrd Stadium to Denton Field, although with considerably less attention. The women's program, since its growth from infancy in the early '70s led by Dr. Sue Tyler, has finished in the top 10 every year since 1978, capturing two national titles and making seven title game appearances along the way.

There's little interaction between the squads, principally because the games are so different. There's not nearly as much contact in the women's game as the men's, thus eliminating the need for helmets and pads. The women's game is a spread-out version of the men's, with a longer field and no sideline boundaries.

The theories as to how this amazing success story has enjoyed such a long run are as numerous as the championship trophies themselves, but all trace back to the same elements that make up any powerhouse program—great athletes, exceptional coaches, an addictive tradition of winning and an area where the sport is received as much more than something to do on a Saturday afternoon.

ILLUSTRATIONS BY JOHN T. CONSOLI





“

L

acrosse is a successful sport here at Maryland largely due to the fact that it is so close to the Baltimore area, where lacrosse is kind of a

folklore, a religion,” athletic director Lew Perkins says. “There’s just been great tradition.”

That tradition was no stronger than in 1989, when an overachieving group that included 22 freshmen and sophomores made it all the way to the Final Four before receiving an 18-8 awakening from eventual national champion Syracuse in front of a record-setting Byrd Stadium crowd.

“That’s a group of kids that showed me that it’s not pure talent that’s the ultimate, important thing, but if you like each other and you like what you’re doing, there’s no telling what you can do,” says Edell, who was named the 1989 ACC coach of the year.

Today’s teams are aware of the legacy handed down by their predecessors. It transmits into a logical form of self-motivation: No team wants to fail where so many before it have succeeded. Many players find themselves in the roles of caretakers for a great tradition.

“When you play on a team that’s been so good, you get a certain attitude that helps you be as good as the past was,” says junior attack-

man Rob Wurzbarger. “It’s like you weren’t around when they built the building, but you want to make sure it still stands.”

The women’s club has had a tougher time over the last two seasons, finishing 10-6 in 1989 and getting nothing but turned-up noses from the NCAA tournament selection committee. But it’s not as though the team really needed to prove anything; Tyler’s squad captured the 1986 national championship, five years after gaining its first title in 1981.

The tradition hasn’t varied too much from those early March days 65 years ago, when farmland behind what is now Fraternity Row was the practice field and the star players were football and basketball players trying a new game while discovering a way to stay in shape during the spring.

“In those days, people weren’t specialized like they are now,” says Dr. Jack Faber, an All-American in 1927 who went on to coach the Terps’ lacrosse team, along with Al Heagy, from 1928 to 1963. “We had a lot of football players—there was no spring practice—and the kids who were pretty fair athletes could learn to play lacrosse.”

The Terps won their first national championship under Faber’s guidance in 1928, earning a share of a three-way tie with Johns Hopkins and Rutgers. The team blossomed into a full-blown national power during the reign of the Faber-

‘You’re out there because you love the game, not for money or a free education.’

—Senior Goalie Jessica Wilk



Dick Edell, Men's Coach
1989 ACC Coach of the Year



Sue Tyler, Women's Coach
National Coach of the Year
1984 and 1986

1990 LACROSSE HOME SCHEDULES

MEN'S SCHEDULE

MAR 2	FRANKLIN & MARSHALL	4:00 P.M.
MAR 17	TOWSON STATE	1:00 P.M.
MAR 21	OHIO STATE	3:00 P.M.
MAR 24	C.W. POST	1:00 P.M.
APR 7	VIRGINIA	1:00 P.M.
APR 14	NAVY	1:00 P.M.

WOMEN'S SCHEDULE

MAR 20	TEMPLE	3:00 P.M.
MAR 27	VIRGINIA	3:00 P.M.
MAR 28	RICHMOND	3:30 P.M.
APR 1	OLD DOMINION	12 NOON
APR 7	NORTHWESTERN T. B. A.	
APR 12	PENN STATE	3:30 P.M.
APR 14	RUTGERS	12 NOON
APR 26	WEST CHESTER	3:00 P.M.
APR 28	PENNSYLVANIA	1:00 P.M.



Led by coach Sue Tyler, the women's team has finished in the top 10 every year since 1978.



Heagy tandem, capturing nine national championships and finishing second seven times. This came when titles were awarded solely by records, and Faber recalls that the Terps earned every championship, scheduling the nation's strongest teams while still turning in near-perfect records.

"It was almost cut-and-dried, on the basis of your record," Faber says. "Maryland has always played the best. We didn't go out and pick a lot of Humpty-Dumpty's. We had a pretty well-balanced schedule."

The same vision helped build the women's program 50 years later. Tyler assumed the full-time head coaching duties before the 1976 season, and turned a fledgling program into a contender by focusing on the big time and scheduling the nation's top teams, figuring if her team was going to lose, it was going to lose to the best.

And to everyone's surprise (at times Tyler's), the teams responded.

"We have always played ahead of the players that we've had," says Tyler, who is only the third head coach in the program's short history. "We've had really good players, not to take away from the fine athletes we've had here, but Maryland's whole has always been greater than the sum of its parts."

Getting the most out of her players is one of the characteristics that have earned Tyler the

reputation as one of the finest coaches in the country. The national coach of the year in 1984 and 1986, Tyler built the program using innovative tactics, initiating fall practices, and allowed the program to "develop with the sport itself," she says.

"I don't care what the outside thinks. I always want to be the best and I want to work for the best," says Tyler, who also coached the field hockey team to the 1987 national title. "So whatever constraints I've been given, I've been able to deal with."

"She's not like any other coach I've come across," says senior goalie Jessica Wilk, one of two active players remaining from the 1986 championship team. "She's more laid back. She doesn't put that much pressure on us, but at the same time she expects us to win, and she expects us to be the best."

Adds senior midfielder Mary Kondner: "She expects a lot out of her players. It's like if you fail, that's fine, as long as you learned something from it."

The teams have limited available scholarships, and in Edell's case, they are divided so that no player has a full scholarship; each member of that team is paying for at least part of his education.

"It's not a business to our kids," Edell says. "When you consider that every kid who puts on

our uniform is paying for some part of his education, there must be a little more there. They must really enjoy what they're doing."

"You don't have any players along for the ride," Wilk says. "You're out there because you love the game, not for the money or a free education."

Yet even without that financial punch or the prospect of a lucrative professional contract that awaits superstars in other major college sports, each team passes the intensity test, providing some of the sport's most thrilling moments against the game's best teams.

It almost goes without argument in the lacrosse community that the Maryland-Johns Hopkins rivalry is the premier match-up in college lacrosse; a battle every April attracts record crowds and serves as the state's ultimate showcase for its "unofficial state sport."

While the men have Hopkins to test themselves against, the women have Penn State. The Nittany Lions have for years been one of the sport's top teams, winning more national championships than any other school, and since the early days, Tyler has used the Penn State game to measure the development of her program.

The people responsible for moving Maryland lacrosse into the next decade are confident that the program can remain on top. With local high school programs continuing to grow, especially on the women's side, the talent will continue to come, and both coaches expect their teams to excel.

"I hope it continues regardless of who is here," Edell says. "No one will let this tradition die. This situation has to perpetuate itself. I think 20 years from now, we'll be right where we are now—competing for a championship."

"[Maryland lacrosse] will continue to be a winner," Tyler predicts. "It will continue to be a sport that can perennially be in the top 10, and every now and then win a national championship. We're in a hotbed; we're in a good state, and we get good support from the athletic department."

And the athletes hope to continue to make the program something they can be proud of, not just from March to May, but for the rest of their lives.

"I love to play [lacrosse]—that's mostly what I get out of it," Kondner says. "That's something you like to say, that you were part of that University of Maryland lacrosse tradition." **CP**

Mike Buckley, a journalism major, covered lacrosse as sports editor of The Diamondback.



The tradition of lacrosse at Maryland dates to the 1920s. This is a portrait of the 1928 team.



JOHN T. CONSOLI



Nancy Schlossberg
says even painful
change can be
beneficial.

Coping with Changes

Nancy Schlossberg may very well have written the ultimate self-help book.

In her new book, *Overwhelmed: Coping with Life's Ups and Downs* (Lexington Books), Schlossberg, a professor of counseling and personnel services in the College of Education, offers help to individuals going through changes in their lives—everything from divorce to death, the birth of a first child, retirement, moving to a new home or returning to school.

"In a nutshell," says Schlossberg, "the book tells how to cope more effectively with the important changes in one's life.

The changes, or transitions, as Schlossberg prefers to call them, include the event and non-event.

As she points out, a non-event, such as a couple discovering that they will never be able to have children or a job promotion that never happens, is just as devastating as an event such as divorce or job loss.

Schlossberg presents a practical plan for approaching any transition by taking stock of one's resources for coping with change and developing strategies for taking action to create options and alternatives.

Schlossberg hopes to help people begin to tackle change with confidence.

"Instead of feeling like victims of change," she says, "people can learn to make it work for them. This book was written to take the mystery out of change."

The Sands of Time

Carbon 14 dating is well-known as an accurate technique for determining the age of ancient objects such as the Shroud of Turin. But when an object is older than about 30,000 or 40,000 years, or is composed of inorganic material such as pottery or sand, archaeologists and geologists turn for help to physicists who have expertise in thermoluminescence dating.

This measurement technique is being applied by two campus physicists to determine the age of an archaeological site in Africa's Kalahari Desert and for a calcite vein in Israel.

According to William F. Hornyak, a professor in the Department of Physics and Astronomy, and Alan D. Franklin, a visiting professor of physics, thermoluminescence dating allows researchers to estimate the age of an object by

measuring the total dose of radiation that bombarded the object during centuries in the ground. "We are continually improving the precision and efficiency of this technique," says Franklin.

The two researchers have been using thermoluminescence dating for about five years. By testing sediments in the Kalahari Desert that were deposited on an ancient lake shore, Hornyak and Franklin have estimated that a primitive people who once occupied the site were there as much as 80,000 years ago. And the calcite vein in Israel is 4 to 5 million years old, they say.

"While our colleagues in physics are looking forward in time," says Hornyak, "we are happily looking back."

Life-Saving Seat Belts

Seat belts are saving lives in those states with primary police enforcement—permitting police to apprehend and ticket drivers solely for failure to wear a seat belt.

In a nationwide study of fatality rates before and after the enactment of mandatory seat belt laws, William Evans, assistant professor of economics, and John Graham of the Harvard School of Public Health found that front-seat car occupant deaths decreased by 17 percent in primary states from 1985 to 1987.

The majority of states, however, permit only secondary enforcement, which means that police cannot fine persons for not wearing a safety belt unless police have stopped them for some other violation.

In secondary states, there is little, if any life-saving effect, says Evans.

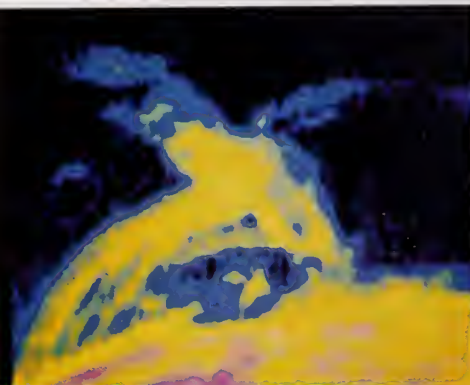
He notes that the increase in life-saving effect for primary states is even larger for those under 21, with as much as a 24 percent decline in fatalities.

Using the Sun

Sunspots and their related flares occur in 11-year cycles and the current cycle is now peaking, according to Mukul R. Kundu, a professor in the astronomy program. Kundu is studying this phenomenon through the use of BIMA (the letters stand for Berkeley, Illinois and Maryland Array), the high spatial resolution millimeter telescope in Hat Creek, Calif., that is partly owned and operated by the University of Maryland. The telescope is used for the detection of radio waves produced by various cosmic phenomena.

"With BIMA, we are able to measure details of the high-energy aspects of solar flares," says Kundu. "We are learning more about the physics of the universe by using the sun as an astrophysical laboratory."

A digitized photograph made from radio waves of a solar flare observed in 1975 by NASA's Skylab. ►



Zs Show Physicists The Fundamentals

Physicists at the University of Maryland at College Park are studying the elusive Z particle.

Their task is not an easy one. Z particles are created in large underground colliders when electrons and positrons, racing toward each other at nearly the speed of light, collide to produce subatomic particles, including the Z. The Z particles last only a trillionth of a trillionth of a second.

Even this incredibly short period of time, however, is long enough for physicists to learn more about Z particles and the origins of the universe.

Recently, physicists from College Park and around the world, after analyzing the data from thousands of Z particles, concluded that there are only three fundamental families of matter in the universe, resolving an issue physicists had wrestled with for many years.

College Park physicists receive their data from a detector called OPAL that operates at the Large Electron-Positron collider in Geneva, Switzerland. College Park is one of 22 institutions from eight countries that collaborated to build OPAL. The High Energy Physics Group at College Park was responsible for two important sections of the OPAL detector.

The Maryland group, supported by a grant from the U.S. Department of Energy, looks forward to the next few years, during which time the collider should produce millions of Z particles. They hope someday to explain the origins of the mass of elementary particles.

Managing Pest Populations

Gene Wood spent 25 years managing pests in urban areas as a professor in the Department of Entomology and with the University of Maryland Cooperative Extension Service.

His urban extension work began during the early 1970s when about 90 percent of Baltimore's 18,000 public housing apartments had a serious overpopulation of cockroaches. For years, monthly sprayings of pesticides had been used in an attempt to control the problem. But the cockroaches developed pesticide immunities.

"We had to try something else," Wood says.

Along with Baltimore public housing officials, Wood developed a different approach to cock-

roach warfare: multidisciplinary pest management.

"We got pest control away from arbitrarily applying pesticides on a regular basis. We trained citizens to alter their home environment so it wouldn't harbor cockroaches," he says.

With the program, one group of 300 apartments reduced its pest population by more than 80 percent, Wood says. Using the same approach for the cafeterias at the National Institutes of Health, Wood reduced cockroach populations and the use of pesticides by 90 percent.

Retired as of January, Wood is now developing a talent for drawing and painting.

Rural Pharmacies and Care for the Elderly

For many elderly people in rural America, the pharmacist is the only point of contact with any type of health care. This can strain the local pharmacist's specific education.

To alleviate the problem, Ed Ansello, associate director of the Center on Aging, and Peter Lamy, a researcher at the University of Maryland School of Pharmacy, began a continuing education course for Maryland pharmacists in 1985.

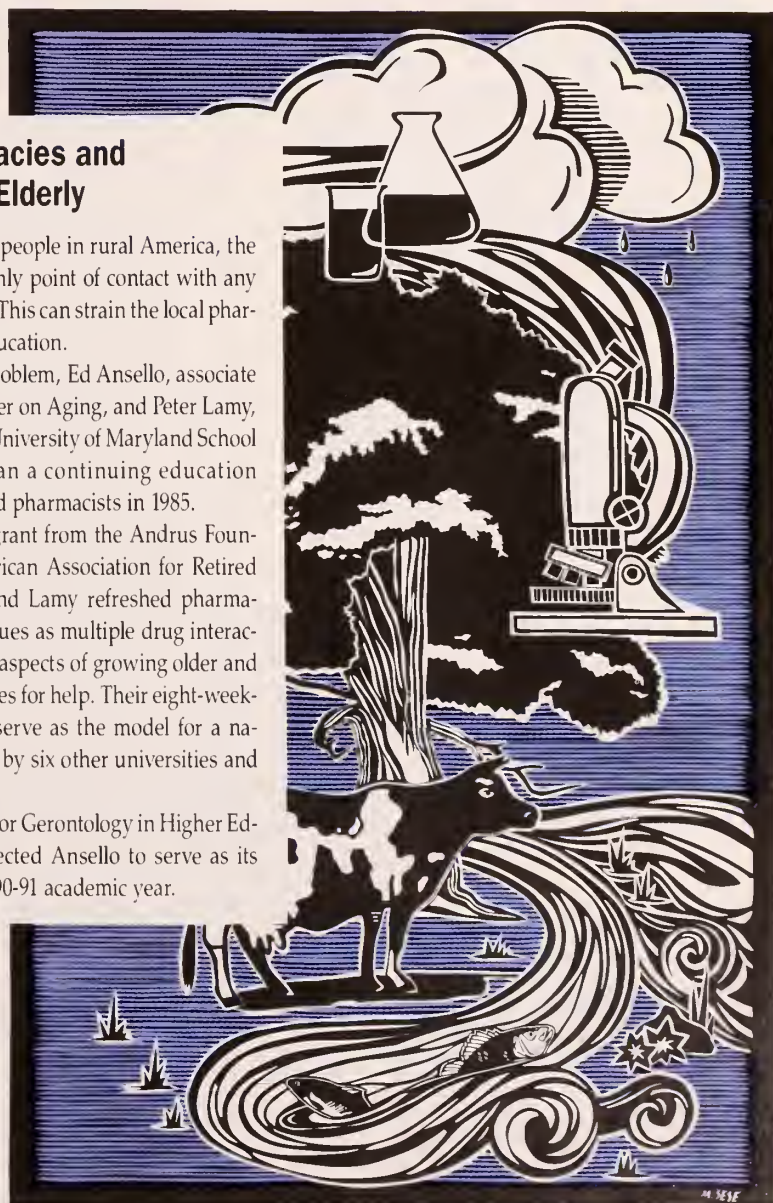
Supported by a grant from the Andrus Foundation of the American Association for Retired Persons, Ansello and Lamy refreshed pharmacists about such issues as multiple drug interactions, psychosocial aspects of growing older and community resources for help. Their eight-week-long courses now serve as the model for a national program run by six other universities and associations.

The Association for Gerontology in Higher Education recently elected Ansello to serve as its president in the 1990-91 academic year.

Spending Time The American And Soviet Way

All those who fear the United States will lose the Cold War because Americans view too much television don't need to worry after all.

John Robinson, Maryland sociology professor, and Soviet colleagues recently published a study comparing time-use patterns in cities in the Soviet Union and United States. In the book, *The Rhythm of Daily Life*, the sociologists report that the dominant form of entertainment and free activity in both countries is viewing television.





Making the Difference in the Campaign for College Park

On behalf of President William E. Kirwan, I am pleased to announce that the Campaign for College Park has raised approximately \$70 million, putting it more than two-thirds of the way toward its \$100 million goal.

Central to the extraordinary success already achieved by the campaign has been the dedication of alumni volunteers who are actively involved as members of the Campaign Leadership Committee. Led by Campaign Chair Allen J. Krowe, a 1955 business graduate and Senior Vice President and Chief Financial Officer for Texaco, these volunteers, along with our many alumni and corporate donors, have set the stage for Maryland's 21st century.

Xerox Corp.'s Integrated Systems Operations President Jay H. Nussbaum, a 1966 graduate of the former College of Business and Public Administration, played a key role in bringing about a collaborative research effort between the company and the Department of Computer Science. The laboratory project focuses on heterogeneous software systems and was a major boost in resources for the department. Nussbaum, a member of the campaign steering committee, also secured through the Custom Systems Division of Xerox support for two Banneker Scholar awards for minority students.

An additional catalyst for reaching the Campaign goal is the Private Donation Incentive Program. Established last year by the Maryland General Assembly to encourage the state's public colleges and universities to increase the level of private contributions to their endowments, the

program for College Park means that the campus could be eligible to receive up to \$1.25 million in state matching funds.

Also well ahead of its target is the Athletic Facilities Capital Campaign launched last September. The goal under phase one of the program was to raise \$6.9 million in private contributions to be matched with \$2.3 million in state funding.

A.V. Williams, a 1917 engineering graduate who lettered in football and lacrosse, has donated \$4.5 million toward this effort. Thanks to Mr. Williams and many other fans, the first phase has been successfully completed.

Construction of the new College of Business and Management/School of Public Affairs building has been approved and ground breaking ceremonies are scheduled for this spring.

The state has provided \$11 million for the building and the campus will contribute \$4 million in non-tuition revenue. The remaining \$7 million will be raised through private gifts.

This effort was launched with a \$1 million gift from 1940 graduate and Campaign Steering Committee member Ralph J. Tyser.

The Colleges of Engineering and Arts and Humanities both raised over \$1 million toward the campaign, followed closely by the College of Journalism and the College of Behavioral and Social Sciences.

Every gift makes a difference. If you are interested in learning more about the specific priorities of your college or school, if you want to volunteer to help the Campaign for College Park, or if you would like more information, please call or write:

T. Bradford Barwise, Assistant Vice President for Institutional Advancement, UMCP Campaign Office, Room 1115, Main Administration Bldg., College Park, Maryland 20742, (301) 454-1416

William E. Mayer, a member of the Campaign Leadership Committee, earned a B.S. degree in Business Administration in 1966 and an M.B.A. degree in 1967 from the College of Business and Management. He established a permanent endowment to support a professorship in the field of finance in the College. Additionally, he established the Emilio Mayer Doctoral Fellowship as a tribute to his father and funded an endowed M.B.A. fellowship.



William E. Mayer
Chairman, Management Group
First Boston Corporation



George V. McGowan
Chairman
Baltimore Gas and Electric Company

"I support the University of Maryland at College Park because it has become an academic and research leader in many areas of high technology that are increasingly critical to the sound health of American business and industry. In particular, the university's strength and national reputation in the engineering disciplines makes it a key component in the three-way partnership between the state's industry, government and academic communities."

George V. McGowan, a member of the Campaign Leadership Committee, earned a B.S. degree from the College of Engineering in 1951. He is Chairman of the Board and Chief Executive Officer of BG&E and serves as Chairman of the University of Maryland System Board of Regents.



Allen J. Krowe
Senior Vice President
and Chief Financial Officer
Texaco Incorporated

"There comes a time in everyone's life to pay back the blessings of the past and replenish those resources from which we've personally benefited. I feel this way particularly with regard to public education, since many have the mistaken notion that all public education's financial needs are met by state and federal funding. I would like to do my part to repay Maryland and the College of Business and Management for helping me achieve professional success."

Allen J. Krowe is a 1955 graduate of the College of Business and Management. Before joining Texaco, he served as a senior executive at IBM for nearly 30 years. Krowe, who has endowed a fund to recognize teaching excellence in the College, also serves as the chair of the \$200 million, five-year University of Maryland System-wide campaign.

"I graduated in 1967 and knocked on the door at First Boston asking for a job. They gave me an interview and took me on. I've done well here. Part of the reason has been due to the training I had at Maryland. In my mind, the courses I took in the organizational behavior sciences have been the most important to me since so much of my work is dealing with people. I'm happy to be in a position where I can give something back to the College in terms of financial support."



JOHN T. CONSOLI

**Joan Hult led
a crusade for
women's sports.**

Hult Inducted Into Hall of Fame

Joan Hult, associate professor in the Department of Physical Education and nationally recognized for her contributions to women's intercollegiate athletics, is the first woman to be inducted into the Concordia College Athletic Hall of Fame in Moorhead, Minn.

Hult started intercollegiate women's sports at Concordia and helped found the Minn-Kota athletic conference, one of the first intercollegiate conferences for women in the nation.

Coaching from 1958 to 1968, she formed teams in six sports to compete in that conference, coaching five of those sports personally.

Hult also started a volleyball team at Concordia that had three unbeaten seasons, won several Minn-Kota Championships and won the state invitation title.

She coached a 10-1 women's basketball team, formed an outstanding track and field team and organized women's teams in softball, tennis and gymnastics.

Upon receiving the honor as one of seven former Concordia athletes and coaches inducted into the Hall of Fame, Hult said that she was not merely accepting the award for herself, but for "all those women of that era who banded together to form intercollegiate sports for women."

Hult, who came to College Park in 1968, says that she began her "crusade" early. While still a high school student in Gary, Ind., Hult, who enjoyed participating in sports with her brother and his friends in the backyard, soon noticed that she was not allowed to do the same at school, "even though I was as competitive, if not more competitive, than my brother and many of his friends," she says.

After a brief stint as a semi-pro softball and basketball player, Hult went on to college to earn her bachelor of science, master's and Ph.D. de-

grees at Indiana University, the University of North Carolina at Greensboro and the University of Southern California, respectively.

Besides coaching and teaching duties, she has been a member of the U.S. Olympic Committee, a national officer of the Association of Intercollegiate Athletics for Women (AIAW), a crusader for Title IX and has written and lectured widely on women's sports.

A Dedicated Terp

Tom Fields ('42) has dedicated his life to both the University of Maryland at College Park and the United States Marine Corps.

As a university student, he ran distance races and set school records while winning six Southern Conference championships. He ran on two Championship of America winners at the Penn Relays and received the Maryland Ring as the university's outstanding student-athlete.

Upon graduation, he entered the Marine Corps and served in Guadalcanal, Vella Lavella, Bougainville and Iwo Jima. He earned numerous ribbons and medals. During his career, Fields also served in Korea and Vietnam and eventually retired as a colonel.

In 1970, Fields returned to the university as executive director of the Maryland Educational Foundation. He came when funding for athletic scholarships was \$30,000 a year. The annual gift-giving total now exceeds \$2 million.

During his tenure, the Terrapins played in 11 football bowl games, became a fixture among the nation's elite in men's basketball and rose as a power in women's athletics.



**Student athlete
Tom Fields ('42)
returned to
the university
to guide
the Maryland
Education
Foundation to a
\$2 million per
year fund-raising
effort. Fields
retired last fall.**



Coming Up Silver

Soccer coach Alden Shattuck was coach last summer of the East team in the United States Olympic Festival in Oklahoma City that went on to claim a silver medal. A member of that team, Jeff Stroud, is now a forward on the Maryland team.



JOHN T. CONSOLI



Leon Major wants his opera students to concentrate on acting as well as singing.

The Real World of Opera

Even if his students sing all their lines, Leon Major still teaches acting.

Leon Major, acting chair of the music department, emphasizes the acting side of opera in his role as director of College Park's new opera training program.

"Ask questions in terms of the acting. [Ask] 'What are the actions? Are the actions clear?'" Major, former general director of the Canadian Opera, tells his classes.

"I am trying to teach students to ask questions to protect them from directors who don't," he explains.

Major is the key figure in the music department's newly invigorated effort to train opera students for the real world of performance. Strengthened in the last year at both the graduate and undergraduate levels, the program provides training in performance, voice and musicianship, and such theatrical skills as movement, improvisation, stage combat, make-up and auditioning.



"Shrine to Travel"



"Shrine to Turkey"



"Shrine to Morocco"

When Claudia DeMonte Travels, Her Dolls Aren't Far Behind

The Claudia dolls no longer sit on pedestals, but that doesn't represent a great fall in stature. They live in shrines now.

The Claudia dolls are the invention, alter ego and signature of Claudia DeMonte, professor of art. For more than a dozen years the tiny, brightly colored dolls, usually made from pulp paper, have been the centerpieces of DeMonte's sculptures and paintings.

In their long and busy artistic life, the dolls have traveled the world, kept house, sat atop commemorative columns, posed as nude odalisques, appeared on vases, acted out religious dramas and taken their current place in shrines. While the venues have changed, DeMonte's various Claudia pieces have been characteristically colorful and whimsical, liberally borrowing ideas from art history and DeMonte's own experiences, and often incorporating feminist themes.

Claudia's latest guises were displayed in November at the Gracie Mansion Gallery in New York, where DeMonte presented a one-person show.

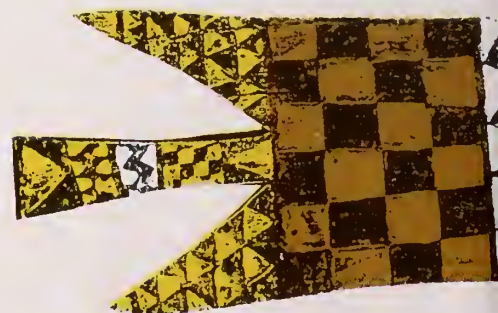
The Guarneri's Silver Sound

More than making wonderful music, members of the Guarneri String Quartet make great companions. Cellist David Soyer, violist Michael Tree, and violinists Arnold Steinhardt and John Dalley are celebrating their 25th anniversary as an ensemble in 1990.

Among the highlights of their silver anniversary is the release of a film documentary of the group, "High Fidelity: The Adventures of the Guarneri String Quartet." The project was filmed by Academy Award-winning director Allan Miller and offers a personal look at the highly acclaimed quartet.

The four musicians serve on the College Park music faculty, and their schedule at the university annually includes a series of free open rehearsals at which audience members observe the group preparing for upcoming concerts.

Two open rehearsals will be held at College Park this spring. They are Monday, April 9, and Tuesday, May 8, with both events beginning at 7 p.m. in Tawes Recital Hall.



A Musical Summer at College Park

This summer, talented young pianists from throughout the world will compete in the William Kapell Competition held in conjunction with the University of Maryland International Piano Festival at College Park July 12-21. Competition and festival events are held both on campus and at the Kennedy Center in Washington, D.C.

In 1989, 31 soloists from 10 countries played in the competition with Korean-born pianist Hae-sun Paik winning the first prize. The winner of the 1990 competition will receive a \$20,000 first prize and engagements that include a Lincoln Center recital in New York City. The Festival, now in its 20th year, features master classes, lecture recitals and performances by internationally known artists.

Another major music event at College Park this summer is the National Orchestral Institute, June 8-30. Created in 1987, the institute is a three-week intensive workshop for young musicians preparing for an orchestral career. Three distinguished guest conductors serve as faculty for the workshop. Daily sectional and orchestral rehearsals culminate in three public performances by the National Orchestral Institute Philharmonic.

The orchestral institute and the piano festival and competition are sponsored by the Maryland Summer Institute for the Creative and Performing Arts. For more information about summer events at the university, contact the Office of Summer and Special Programs, University of Maryland at College Park, College Park, MD 20742, (301)454-5276.



Residents of Language House have access to computers and foreign broadcasts.

BILL OENSON

Foreign Voices Heard on Campus Drive

If you mistake College Park's former St. Mary's Hall for a new apartment complex in Munich or Nagasaki—good.

After a four-year renovation project, St. Mary's Hall reopened this fall as the new Language House, an academically oriented residence hall occupied exclusively by students learning a foreign language. Ninety-two undergraduates—not necessarily language majors—live in the house along with seven graduate students who act as language mentors.

The students share 19 apartments within the house; housing assignments are made by grouping the students according to language. Seven languages—French, German, Hebrew, Italian, Japanese, Russian and Spanish—are being studied in the house this year. The residents are asked to communicate with apartment mates in their foreign language.

Educational tools specially designed for use in the house include computers with non-English operating programs and software and foreign broadcasts via satellite.

Cultural Discoveries in Arts and Humanities

As the 500th anniversary of Columbus' discovery of America approaches, scholars in the arts and humanities at College Park are paying increasing attention to the cultures that helped shape the Americas.

This year, the College of Arts and Humanities initiated the new "Africa and the Americas" pro-

gram. During the next five years, as part of the initiative, the college will create new classes and sponsor special seminars and art exhibits devoted to the study of African culture.

The new program joins "Discovering the Americas," a six-year study of the implications of Columbus' discovery of the Americas that be-

gan in 1986. This project includes special classes, major international conferences and publication of papers resulting from the initiative. The multi-departmental project is coordinated by the Department of Spanish and Portuguese Languages and Literatures.





A Double Dose of Physics Therapy



JOHN T. CONSOLI

Milton (left) and Zaka Slawsky

In the nearly 15 years that the Mollie and Simon Slawsky Memorial Tutoring Clinic has been run by identical twins Milton and Zaka Slawsky, more than 10,000 students have received "physics therapy" from the brothers and their associates. Many of their former students are now engineers and medical professionals.

"The clinic is for both the students who are having trouble passing their physics courses and for students who simply want to improve their physics grades," says Milton.

According to Zaka, about 500 students take advantage of the clinic's daily tutoring sessions each semester; the students average a half letter grade higher in physics than their peers who have not made use of the clinic.

The 79-year-old Slawsky brothers are children of Russian immigrant parents who washed laundry by hand during the Depression to put the twins through school. "If it weren't for our parents' efforts, there would be no clinic today," Zaka says.

The Slawsky brothers volunteer 25 hours a week to the clinic. They are retired federal government physicists. Milton is a College Park lecturer in physics and Zaka is a part-time professor of physics. During last October's homecoming celebration, the College Park Alumni Association recognized the brothers as honorary alumni.

In April the twins will be 80 years old and in May the clinic will be 15. Milton says, however, "It is time for us to gracefully exit this business." The brothers will retire from the clinic on the 15th anniversary of its opening.

The Slawskys say the Physics Department will need to find funds to keep the clinic open. "We hope that those former students who have benefited from the clinic will help to keep the clinic alive," Zaka says.

The Official University of Maryland at College Park Lamp

The College Park Alumni Association is once again proud to announce the availability of the popular University of Maryland Lamp.

The distinctive University of Maryland at College Park Seal is vividly re-created in gold on the black parchment shade. This classic desk lamp is hand-polished and hand-assembled of the finest solid brass and features a solid black marble base and centerpiece. Indeed, the lamp makes an impressive statement of quality about the owner.

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Remembering College Park

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The University Archives offers a rich diversity of materials which portrays campus life and documents the history and tradition of the University of Maryland at College Park.

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Collections include a broad array of materials about men's and women's sports.

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Over 15,000 photographs. Holdings are strongest for the years 1900 to 1960 but span the entire history of the campus.

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Collection features dance programs, football jerseys, banners and other items reminiscent of generations of campus life.

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Remember the Old Line or early issues of the Diamondback? The Archives offers rich holdings of these and other campus publications—catalogs, yearbooks, newsletters, reports, and more.

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